

DEC-11-HTCA-D

TC11
DECtape system
engineering drawings

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DEC	PDP
FLIP CHIP	FOCAL
DIGITAL	COMPUTER LAB

TC11 ENGINEERING DRAWINGS

Drawing	Sheets	Description	Drawing	Sheets	Description
A-ML-TC11-0	2	DECTape Control Master List	D-BS-TC11-0-18	1	Output Gating 2
D-UA-TC11-0-0	3	DECTape Control	D-BS-TC11-0-19	1	Address Selection & Interrupt Control
A-PL-TC11-0-0	1	DECTape Control (Parts List)	D-IC-TC11-0-20	1	Bus Connectors
D-DI-TC11-0-32	2	Drawing Index List	D-BS-TC11-0-21	1	Bus Address Register (TCBA)
D-AD-7007048-0-0	1	Wired Assembly	D-BS-TC11-0-22	1	Word Count Register (TCWC)
A-PL-7007408-0-0	1	Wired Assembly (Parts List)	D-BS-TC11-0-23	1	TC11 Control Panel
D-MU-TC11-0-0	2	Module Utilization	D-BS-TC11-0-24	1	DECTape Timing
A-PL-TC11-0-01	2	Module Utilization (Parts List)	D-BS-TC11-0-25	1	TC11 Slave Response
			D-BS-TC11-0-26	1	Ready and Error Sequence
D-BS-TC11-0-02	1	DECTape Control Control	D-BS-TC11-0-27	1	NPR Transfer – DATI
D-BS-TC11-0-03	1	DECTape Control Errors	D-TD-TC11-0-28	1	NPR Transfer – DATO
D-BS-TC11-0-04	1	DECTape Control TP, UPS, Motion Control	K-WL-TC11-0-30 (complete)	1	Wire List
D-BS-TC11-0-05	1	DECTape Control			
D-BS-TC11-0-06	1	RWB and LPB	C-CS-M105-0-1	1	Address Selector
D-BS-TC11-0-07	1	Mark Track Decoder	D-CS-M228-0-1	1	Mark Track Decoder
D-BS-TC11-0-08	1	NPR Control	D-CS-M239-0-1	1	Three 4-Bit Counter/Registers
D-BS-TC11-0-09	1	Register Control	D-CS-M7820-0-1	1	Interrupt Control Module
D-BS-TC11-0-10	1	Slave Response & Maintenance Bits	B-CS-M783-0-1	1	Unibus Transmitter
D-BS-TC11-0-11	1	Command Register	D-CS-M795-0-1	1	Word Count & Bus Address Register
D-BS-TC11-0-12	1	TU56 Connections	D-CS-M796-0-1	1	Unibus Master Control
D-BS-TC11-0-13	1	Unibus Drivers and Receivers	C-CS-M798-0-1	1	Unibus Drivers
D-BS-TC11-0-14	1	Data Register 1	B-CS-G879-0-1	1	Transport Detector
D-BS-TC11-0-15	1	Data Register 2	B-CS-G888-0-1	1	Manchester Read/Write Amplifier
D-BS-TC11-0-16	1	Data Register 3	B-CS-854-0-1	1	Power Control
D-BS-TC11-0-17	1	Output Gating 1			

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MASTER DRAWING LIST

DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE
D-UA-TC11-0-0	C	3	DEC TAPE CONTROL
A-PL-TC11-0-0	C	1	DEC TAPE CONTROL
D-DI-TC11-0-32	D	2	DRAWING INDEX LIST (TC11)
D-AD-7007048-0-0	A	1	WIRED ASSY
A-PL-7007048-0-0	A	1	WIRED ASSY
D-MU-TC11-0-01	E	2	MODULE UTILIZATION
A-PL-TC11-0-01	E	2	MODULE UTILIZATION
D-BS-TC11-0-02	C	1	DECTAPE CONTROL CONTROL
D-BS-TC11-0-03	B	1	DECTAPE CONTROL ERRORS
D-BS-TC11-0-04	A	1	DECTAPE CONT TP, UPS, MOTION CONT
D-BS-TC11-0-05	A	1	DECTAPE CONTROL
D-BS-TC11-0-06	A	1	RWB AND LPB
D-BS-TC11-0-07		1	MARK TRACK DECODER
D-BS-TC11-0-08	C	1	NPR CONTROL
D-BS-TC11-0-09		1	REGISTER CONTROL
D-BS-TC11-0-10	B	1	SLAVE RESP AND MAINT BITS
D-BS-TC11-0-11	A	1	COMMAND REGISTER
D-BS-TC11-0-12	C	1	TU56 CONNECTIONS
D-BS-TC11-0-13		1	INIBUS DRIVER AND RECEIVERS
D-BS-TC11-0-14		1	DATA REGISTER 1
D-BS-TC11-0-15		1	DATA REGISTER 2
D-BS-TC11-0-16		1	DATA REGISTER 3
D-BS-TC11-0-17	A	1	OUTPUT GATING 1
D-BS-TC11-0-18		1	OUTPUT GATING 2
D-BS-TC11-0-19	C	1	ADDR SEL AND INT CONT
D-IC-TC11-0-20		1	BUS CONNECTORS
D-BS-TC11-0-21	A	1	BUS ADDRESS REGISTER (TCBA)
D-BS-TC11-0-22	A	1	WORD COUNT REGISTER (TCWC)
D-BS-TC11-0-23		1	TC11 CONTROL PANEL
D-TD-TC11-0-24		1	DECTAPE TIMING
D-TD-TC11-0-25		1	TC11 SLAVE RESPONSE
D-TD-TC11-0-26		1	READY AND ERROR SEQUENCE
REVISIONS			
REV.	DATE	CHG. NO.	APP'D.
A	1/5/71	00002	P.J.
B	1/7/71	00003	P.J.
C	2/7/71	00004	P.J.
D	5/7/71	00006	P.J.
E	9/7/71	00007	A.V.
F	11/7/71	00009	P.J.
H	11/7/71	00008	P.J.
J	4/72	00010	P.J.
K	5/72	00011	P.J.
L	5/72	00012	P.J.
DRN. MACKENZIE 10/24/70			
CHK'D. MACKENZIE 10/29/70			
ENG. DATE			
PROJ. ENG. DATE			
PROD. DATE 11/3/70			
FIRST USED ON			
PDP-11			
SCALE			
SHEET 1 OF 3			
SIZE CODE NUMBER REV.			
A ML TC11-0			
DIST.			

DEC FORM NO.16-1033
DRA 103

MASTER DRAWING LIST

DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE
D-TD-TC11-0-27		1	NPR TRANSFER DATA
D-TD-TC11-0-28		1	NPR TRANSFER DATA
D-AD-TC11-0-29	A	2	MAX CONNECTION (TC11)
K-WL-TC11-0-30 *	F	1	WIRE LIST
A-SP-TC11-0-33		20	ENGINEERING SPECIFICATION
A-SP-TC11-0-34	REF	4	TC11 TEST PROCEDURE
A-SP-TC11-0-35	REF	3	TC11/TU56 IN HOUSE ACCEPTANCE TEST
A-AL-TC11-0-36		1	TC11 ACCESSARY LIST
A-SL-TC11-0-37		1	TC11 SOFTWARE LIST
* PRINT THE COMPLETE WIRELIST			
REVISIONS			
REV.	DATE	CHG. NO.	APP'D.
DRN. MACKENZIE 10/29/70			
CHK'D. MACKENZIE 10/29/70			
ENG. DATE 11/2/70			
PROJ. ENG. DATE 11/3/70			
PROD. DATE 11/3/70			
FIRST USED ON			
PDP-11			
SCALE			
SHEET 2 OF 3			
SIZE CODE NUMBER REV.			
A ML TC11-0			
DIST.			

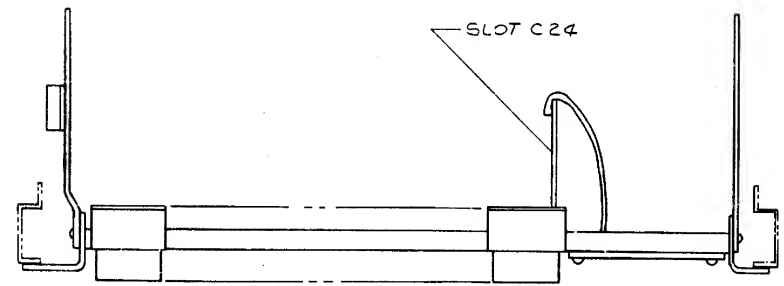
DEC FORM NO.16-1033
DRA 103

ADDITIONAL CUSTOMER PRINTS			
Drawing Number		Rev. Let	Title
D-CS-M796-0-1		A	UNIBUS MASTER CONTROL
D-CS-M795-0-1		A	WC AND CMA MODULE
C-CS-M798-0-1			UNIBUS DRIVERS
B-CS-M783-0-1			UNIBUS DRIVERS
D-CS-M228-0-1			MARK TRACK DECODER
D-CS-M239-0-1			THREE "4" BIT CONVERTER REGISTER
B-CS-854-0-1		RA	POWER CONTROL
B-CS-G879-0-1			TRANSPORT DETECTOR
D-CS-M7821-0-1			INTERRUPT CONTROL

Rev.	Date	Change Number	
L	5-31-72	TC11-00012	<div>Paul E. Janson11-25-70 Requested byDate</div> <div>Paul E. Janson11-25-70 Authorized byDate</div> <div>3 Of 3A-ML-TC11-0</div> <div>Rev. 1</div>

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0-0-1101 2



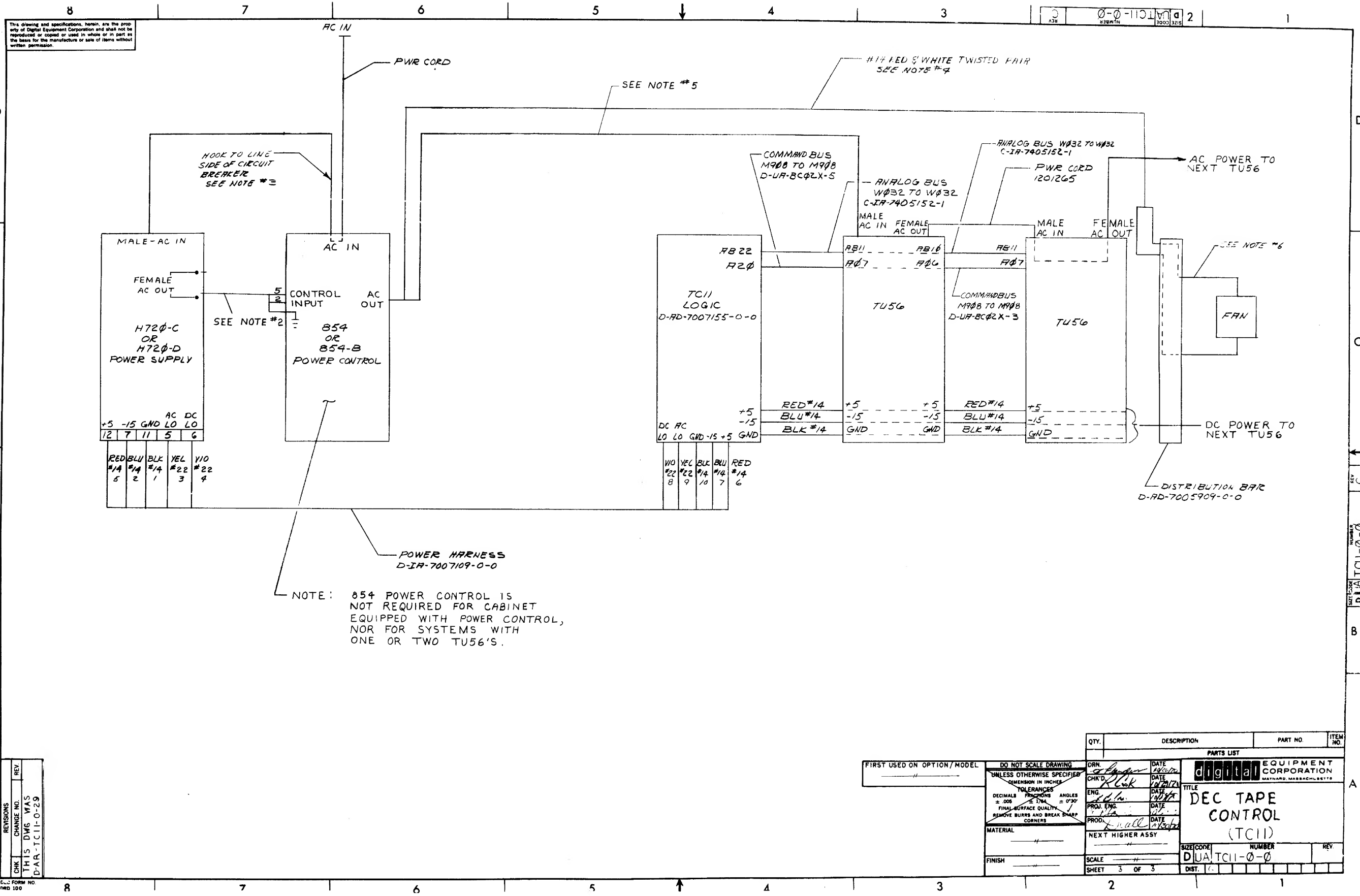
VIEW A-A

REVISIONS		REV.
CHK	CHANGE NO.	A
TC11-00002		
JANSON		
2-12-71		
B		
TC11-00009		
P. JANSON		
11-10-71		
C		
TC11-00012		
JANSON		
6-1-72		

FIRST USED ON OPTION/MODEL
PDF11

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
ANGLES
± 0°30'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS			
TITLE DEC TAPE CONTROL (TC11)			
SIZE/CODE DUA TC11-0-0		NUMBER C	REV C



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HOOK TO LINE
SIDE OF CIRCUIT
BREAKER
SEE NOTE #3

SEE NOTE #5

#14 RED & WHITE TWISTED PAIR
SEE NOTE #4

COMMAND BUS
M908 TO M908
D-UR-BC62X-5

ANALOG BUS
W032 TO W032
C-IR-7405152-1

ANALOG BUS W032 TO W032
C-IR-7405152-1

PWR CORD
120/265

AC POWER TO
NEXT TU56

SEE NOTE #6

DC POWER TO
NEXT TU56

DISTRIBUTION BAR
D-RD-7005909-0-0

POWER HARNESS
D-IR-7007109-0-0

NOTE: 854 POWER CONTROL IS
NOT REQUIRED FOR CABINET
EQUIPPED WITH POWER CONTROL,
NOR FOR SYSTEMS WITH
ONE OR TWO TU56'S.

REVISIONS	CHANGE NO.	REV.
CHK	THIS DWS WAS	
	D-AR-TCII-0-29	

FIRST USED ON OPTION / MODEL

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .008 ± 1/64 ± 0°30'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	DATE 10/10/70	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D	DATE 10/10/70	TITLE DEC TAPE CONTROL (TCII)	
ENG	DATE 10/10/70	SIZE CODE NUMBER REV	
PROJ. ENG	DATE 10/10/70	DUA/TCII-0-0	
PROD.	DATE 10/10/70	DST. 1	
NEXT HIGHER ASSY		SHEET 3 OF 3	

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

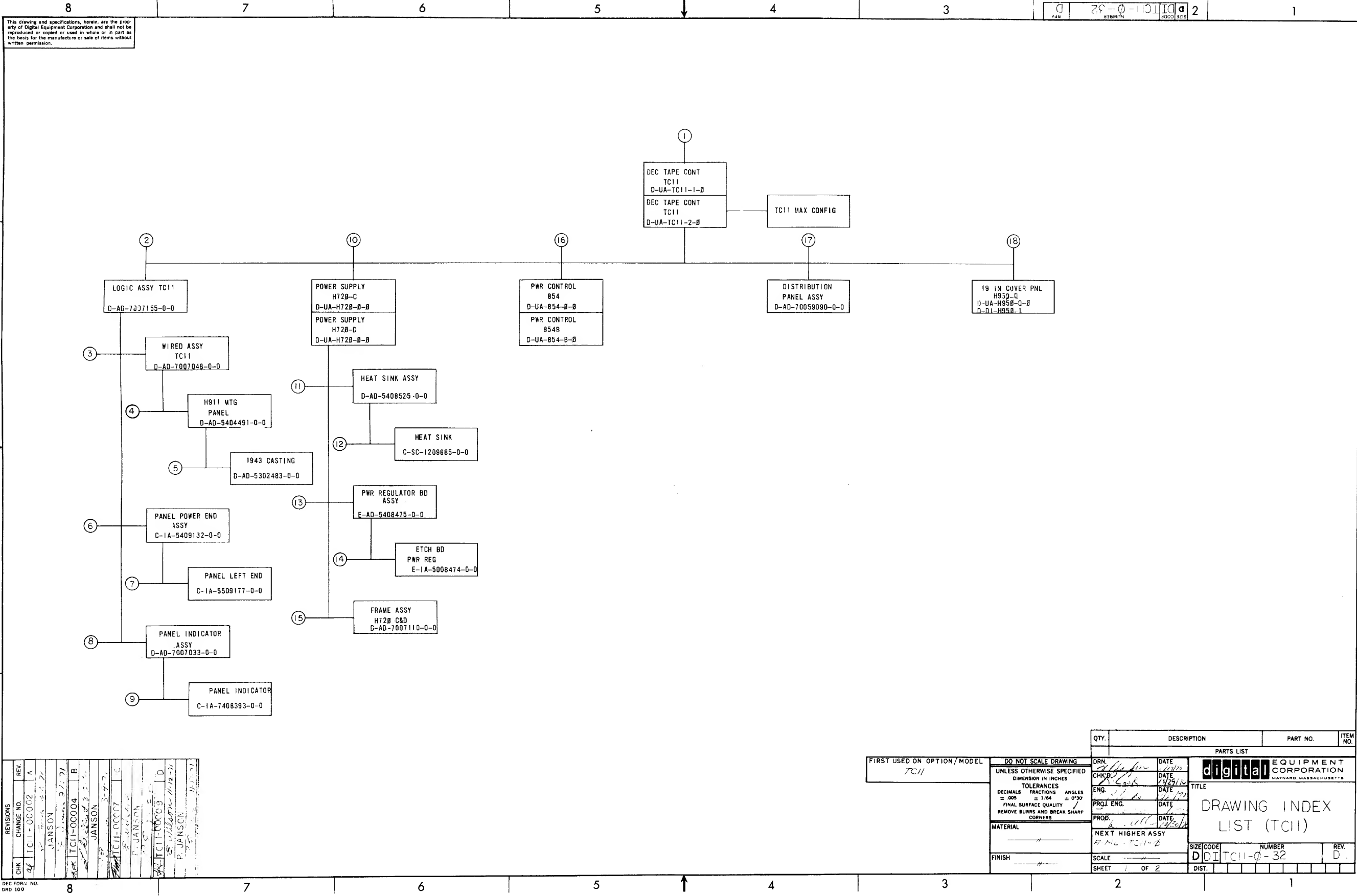
PARTS LIST

MADE BY R. ROBICHAUD	CHECKED J. FLEMING	SECTION
DATE 10-22-70	DATE 10-26-70	1
ENG S. P. Gordon	PROD <i>W. Hall</i>	ISSUED SECT.
DATE 10/29/70	DATE 10/30/70	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	TC1	TC1
1	D-AD-7007155-0-0	LOGIC ASSY (TC11)	1	1
2	9006073-1	SCR PHL HD PAN #10-32 X 1/2 SST	20	20
3	9007786	SPEED NUT #C31758-032-27 TINN.	20	20
4	9007651	WASH EXT TOOTH #10	20	20
5	D-IA-7007109-0-0	POWER HARNESS	1	1
6	D-UA-854-Ø-Ø	POWER CONTROL 854 (120V) *	A/R	0
7	D-UA-854-B-Ø	POWER CONTROL 854 B (240V) *	0	A/R
8	D-UA-H72Ø-C-Ø	POWER SUPPLY H720-C (120V)	1	0
9	D-UA-H72Ø-D-Ø	POWER SUPPLY H720-D (240V)	0	1
10	D-AD-7005909-0-0	DISTRIBUTION PANEL ASSY	1	1
11	D-UA-H95Ø-Q-Ø	19 IN COVER PANEL (10 1/2)	1	1
12	D-UA-BC11A-8-Ø	CABLE BC11A	1	1
13	D-MAD-1945-19-1	1945 HOLD DOWN BAR	1	1
14	C-SG1209856-Ø-Ø	MODULE HOLDER	6	6
15	H-850	EXT HANDLE	1	1
16	C-PL-7006501-23-0	BASIC CAB ASSY - 19"	1	1
17	A-PL-H752-C-Ø	FAN	0	1
*	854 IS NOT REQUIRED FOR SYSTEMS WITH 1 OR 2 TU56'S, NOR FOR CABINETS EQUIPPED WITH POWER CONTROLS.			

TITLE DECTAPE CONTROL (TC11)	ASSY NO. D-UA-TC11-Ø-Ø	SIZE A	CODE PL	NUMBER TC11-Ø-Ø	REV. C	ECO NO TC11-00012
SHEET 1 OF 1		DIST.				

DEC FORM NO.16-1031
DRA 110



REV D
PART TC11-0-32

B

A

REV.	CHG.	NO.	REV.
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
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97	97	97	97
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100	100	100	100

DEC FORM NO. DRD 100

FIRST USED ON OPTION / MODEL
TC11

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± 1/64 ± 0°30'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	DEC TAPE CONT TC11	D-UA-TC11-1-0	1
1	DEC TAPE CONT TC11	D-UA-TC11-2-0	2
1	TC11 MAX CONFIG		3
1	DISTRIBUTION PANEL ASSY	D-AD-70059090-0-0	4
1	19 IN COVER PNL	H950-0 D-UA-H950-0-0 D-01-H950-1	5
1	LOGIC ASSY TC11	D-AD-7007155-0-0	6
1	WIRED ASSY TC11	D-AD-7007048-0-0	7
1	H911 MTG PANEL	D-AD-5404491-0-0	8
1	1943 CASTING	D-AD-5302483-0-0	9
1	PANEL POWER END ASSY	C-1A-5409132-0-0	10
1	PANEL LEFT END	C-1A-5509177-0-0	11
1	PANEL INDICATOR ASSY	D-AD-7007033-0-0	12
1	PANEL INDICATOR	C-1A-7408393-0-0	13
1	POWER SUPPLY H72B-C	D-UA-H72B-0-0	14
1	POWER SUPPLY H72B-D	D-UA-H72B-0-0	15
1	HEAT SINK ASSY	D-AD-5408525-0-0	16
1	HEAT SINK	C-SC-1209685-0-0	17
1	PWR REGULATOR BD ASSY	E-AD-5408475-0-0	18
1	ETCH BD PWR REG	E-1A-5008474-0-0	19
1	FRAME ASSY H72B C&D	D-AD-7007110-0-0	20
1	PWR CONTROL 854	D-UA-854-0-0	21
1	PWR CONTROL 854B	D-UA-854-0-0	22

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
DRAWING INDEX
LIST (TC11)

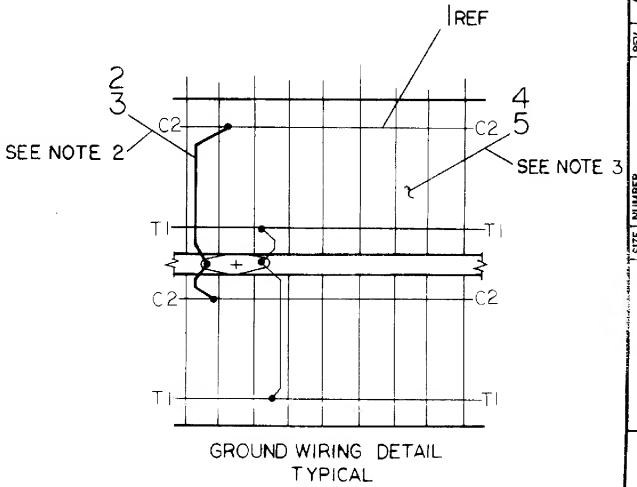
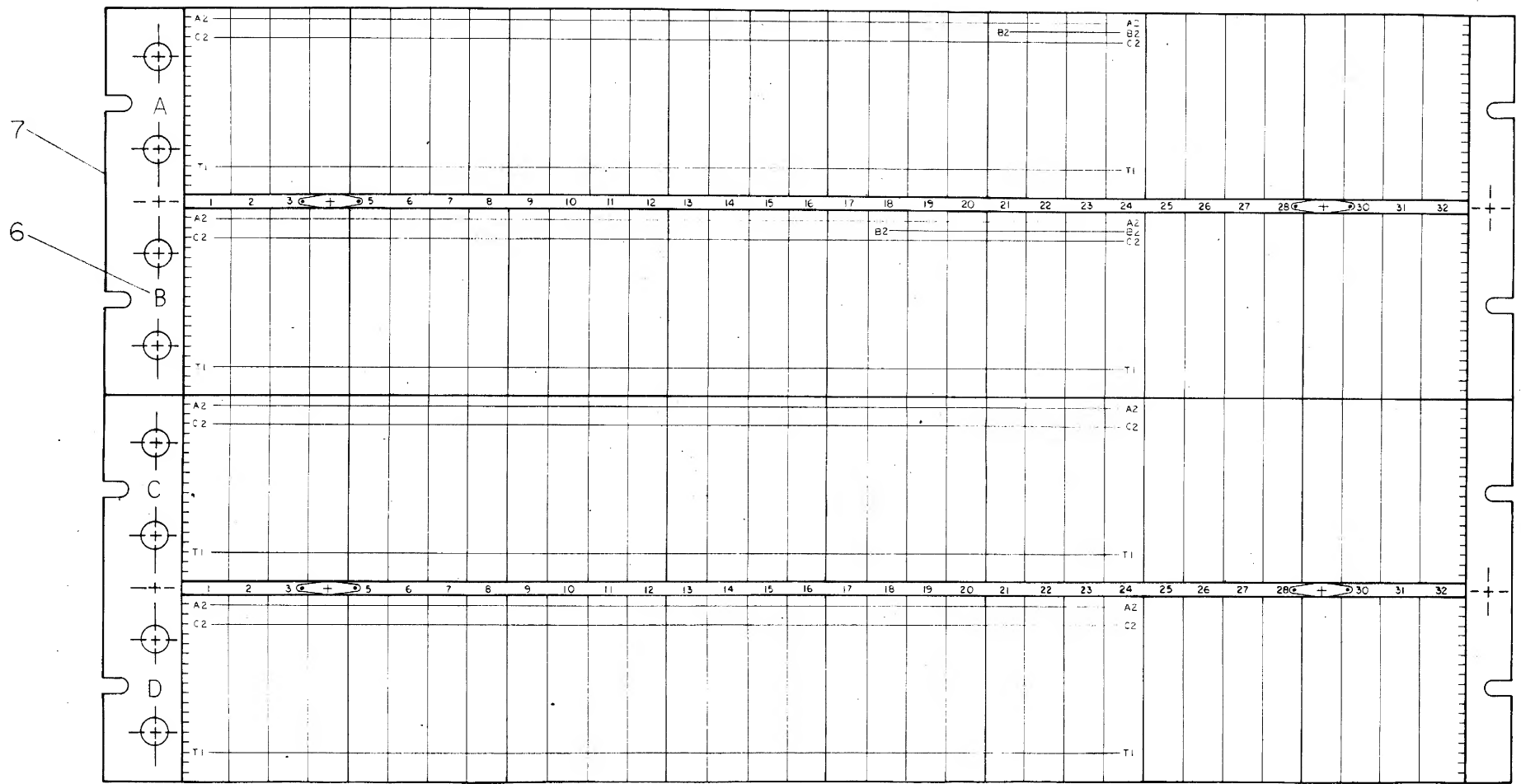
SIZE CODE
D
NUMBER
D
REV.
D

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WIRE TABLE				
ITEM NO	AWG	COLOR	FROM CONNECTION	TO CONNECTION
5	24	BLUE	A21B2	B21B2
5	24	BLUE	B24B2	C24V2
8	24	RED	A01A2	B01A2
8	24	RED	C01A2	D01A2
8	24	RED	B01A2	C01A2
8	24	RED	A A2	B24A2
8	24	RED	C24A2	D24A2
8	24	RED	B24A2	C24A2

- NOTES:
1. CONNECTIONS ON ITEM NUMBER 1 & 2 TO BE LOCATED AND SOLDERED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
 2. ALL CONNECTOR BLOCKS TO BE GROUNDED TO GROUND LUGS AS SHOWN, 4 PLACES.
 3. USE YELLOW WIRE (ITEM#4) FOR MACHINE WRAPPED AND BLUE WIRE (ITEM#5) FOR HAND WRAPPED WIRING.

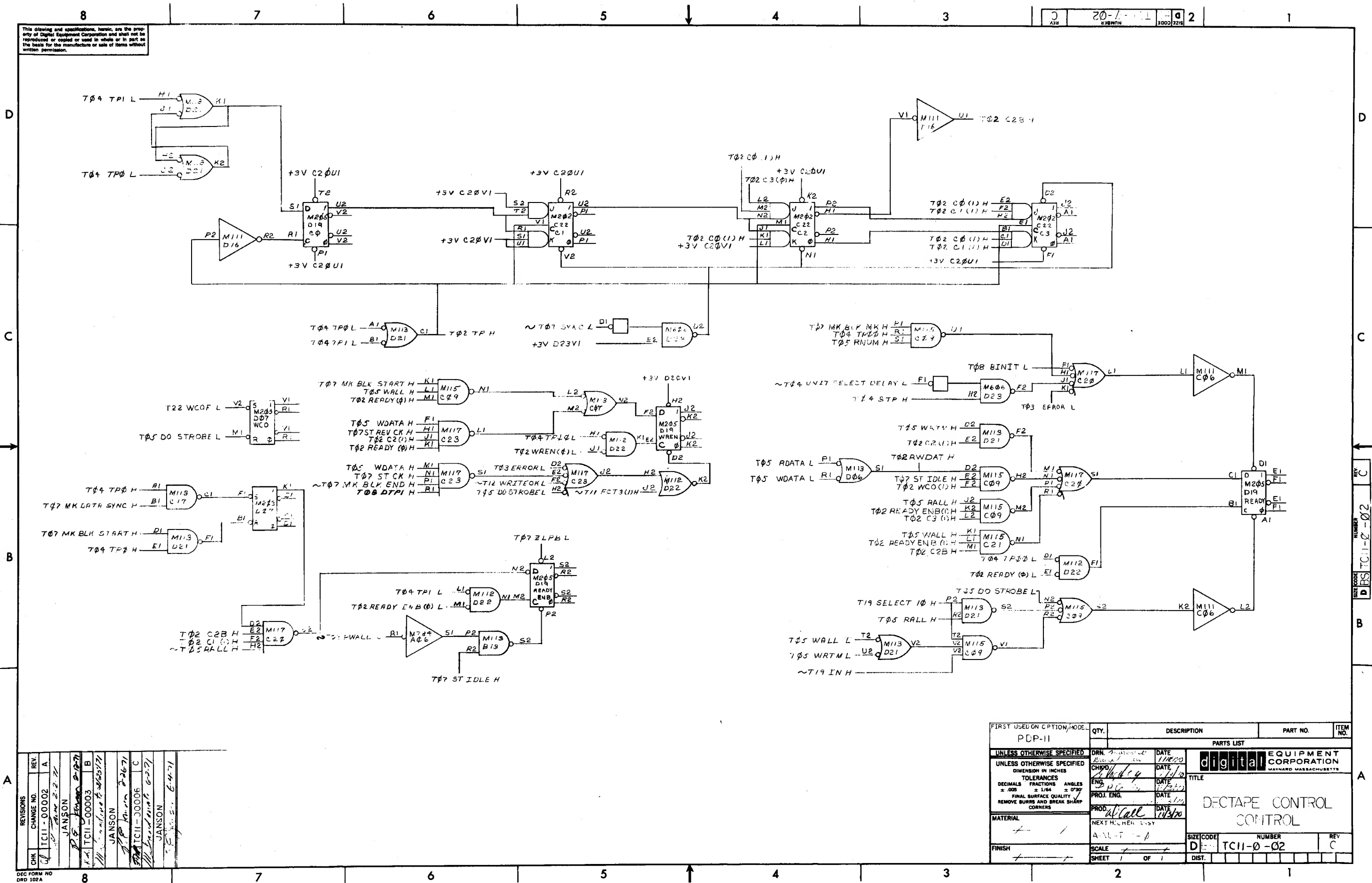


REV.	CHANGE NO.	DATE
A	1	11/13/70

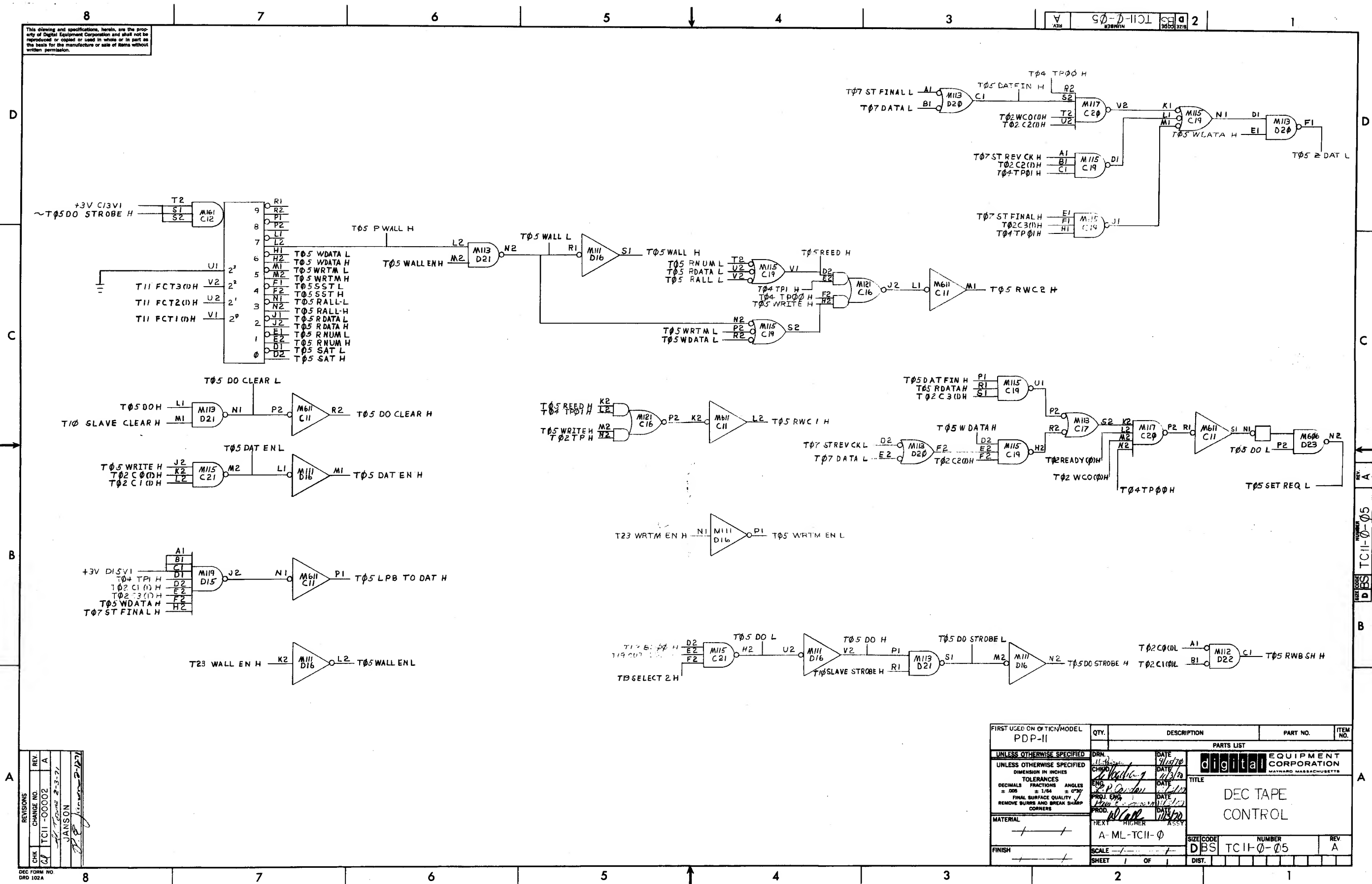
FIRST USED ON OPTION/MODEL PDP-11	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DO NOT SCALE DRAWING	DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES DECIMALS FRACTIONS ANGLES = .005 = 1/64 = 0°30'	ENG.	DATE	TITLE WIRED ASS'Y TC11	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROJ. ENG.	DATE	SIZE/CODE D AD 70074-00	
MATERIAL	PROD.	DATE	NUMBER REV. A	
NEXT HIGHER ASSY	SCALE NONE	SHEET OF		

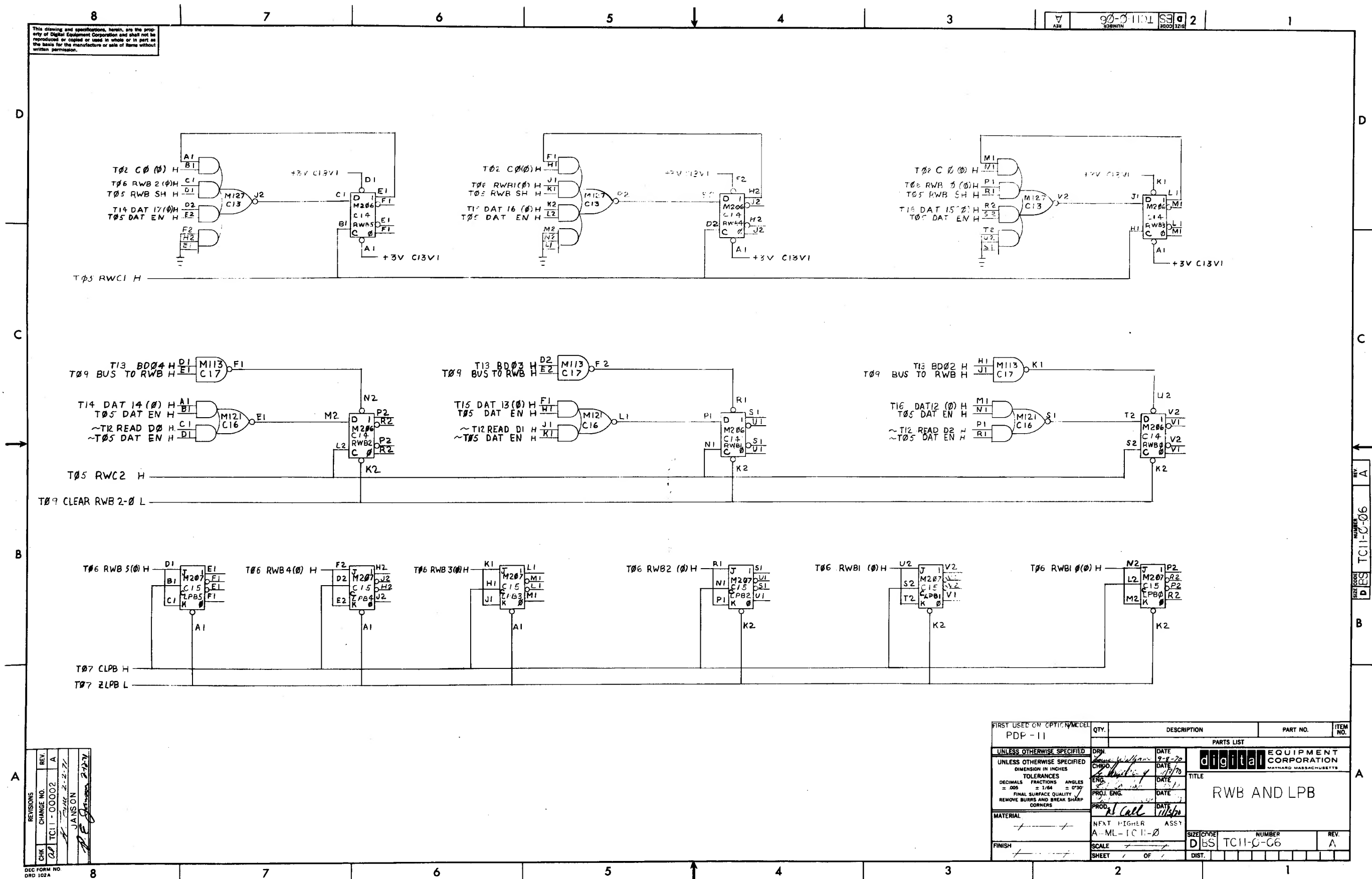
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS													
PARTS LIST													
MADE BY KAREN KRYSIAK		CHECKED M. MACKENZIE		SECTION									
DATE 9-17-70		DATE 10-19-70		1									
ENG <i>R.P. Gordon</i>		PROD <i>Call</i>		ISSUED SECT.									
DATE 11/3/70		DATE 11/3/70		1									
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION											
	G736	JUMPER MODULE											
	G879	TRANSPORT DETECTOR											
	G888	MANCHESTER READER/WRITER											
	M050	50MA INDICATOR DRIVER											
	M105	ADDRESS SELECTOR MODULE (REV "C"BEYOND)											
	M111	INVERTER											
	M112	NOR GATE											
	M113	TEN 2-INPUT NAND GATES											
	M115	EIGHT 3-INPUT NAND GATES											
	M117	SIX 4-INPUT NAND GATES											
	M119	THREE 8-INPUT NAND GATES											
	M121	AND/NOR GATE											
	M127	2-2-2-3 AND/NOR GATE											
	M149	9 x 2 NAND WIRED OR MATRIX											
	M161	BINARY TO OCTAL/DECIMAL DECODER											
	M202	J-K FLIP-FLOP											
	M203	8 R/S FLIP-FLOP											
	M205	5 "D" FLIP-FLOP											
	M206	GENERAL PURPOSE FLIP-FLOP											
	M207	GENERAL PURPOSE FLIP-FLOP											
	M228	MARK TRACK DECODER											
	M239	THREE 4-BIT COUNTER/REGISTER											
TITLE		MODULE UTILIZATION		ASSY NO. D-MU-TC11-0-01		SIZE CODE A PL		NUMBER TC11-0-01		REV. E		ECO NO. TC11-00011	
		SHEET 1 OF 2		DIST.									

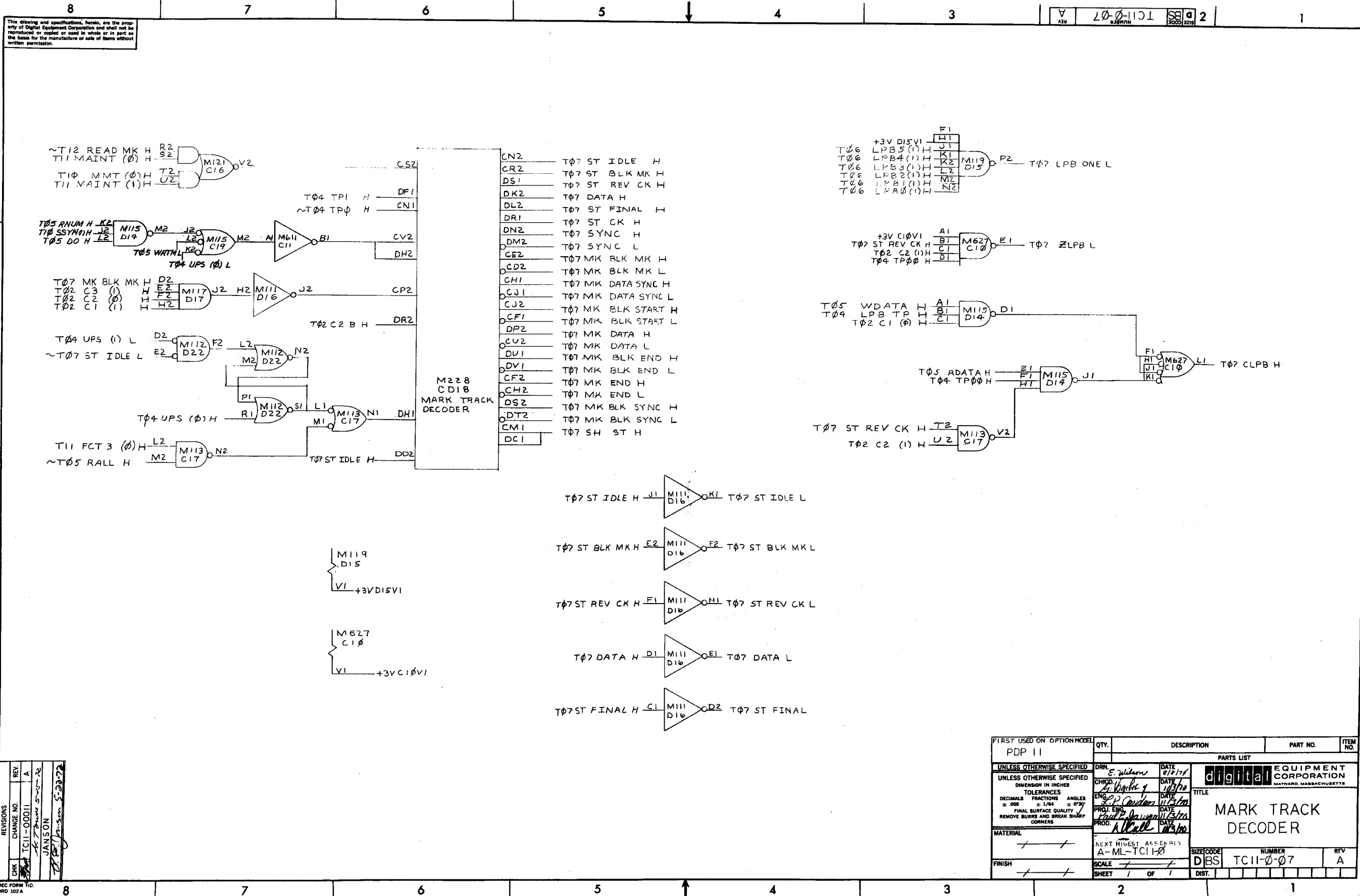
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS													
PARTS LIST													
MADE BY KAREN KRYSIAK		CHECKED M. MACKENZIE		SECTION									
DATE 9-17-70		DATE 10-19-70		1									
ENG <i>R.P. Gordon</i>		PROD <i>Call</i>		ISSUED SECT.									
DATE 11/3/70		DATE 11/3/70		1									
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION											
	M302	DUAL DELAY MULTIVIBRATOR											
	M307	INTERGRATING ONE SHOT											
	M502	NEGATIVE INPUT CONVERTER											
	M602	PULSE AMPLIFIER											
	M606	PULSE GENERATOR											
	M611	HIGH - SPEED POWER INVERTER											
	M627	NAND POWER AMPLIFIER											
	M796	UNIBUS MASTER CONTROL											
	M798	UNIBUS DRIVER											
	M7821	INTERRUPT CONTROL MODULE											
	M783	UNIBUS TRANSMITTER MODULE											
	M784	UNIBUS RECEIVER MODULE											
	M795	WC & BA MODULE											
	M141	AND/NOR GATES											
	5408780	PRIORITY JUMPER LEVEL # 6											
TITLE		MODULE UTILIZATION		ASSY NO. D-MU-TC11-0-01		SIZE CODE A PL		NUMBER TC11-0-01		REV. E		ECO NO.	
		SHEET 2 OF 2		DIST.									



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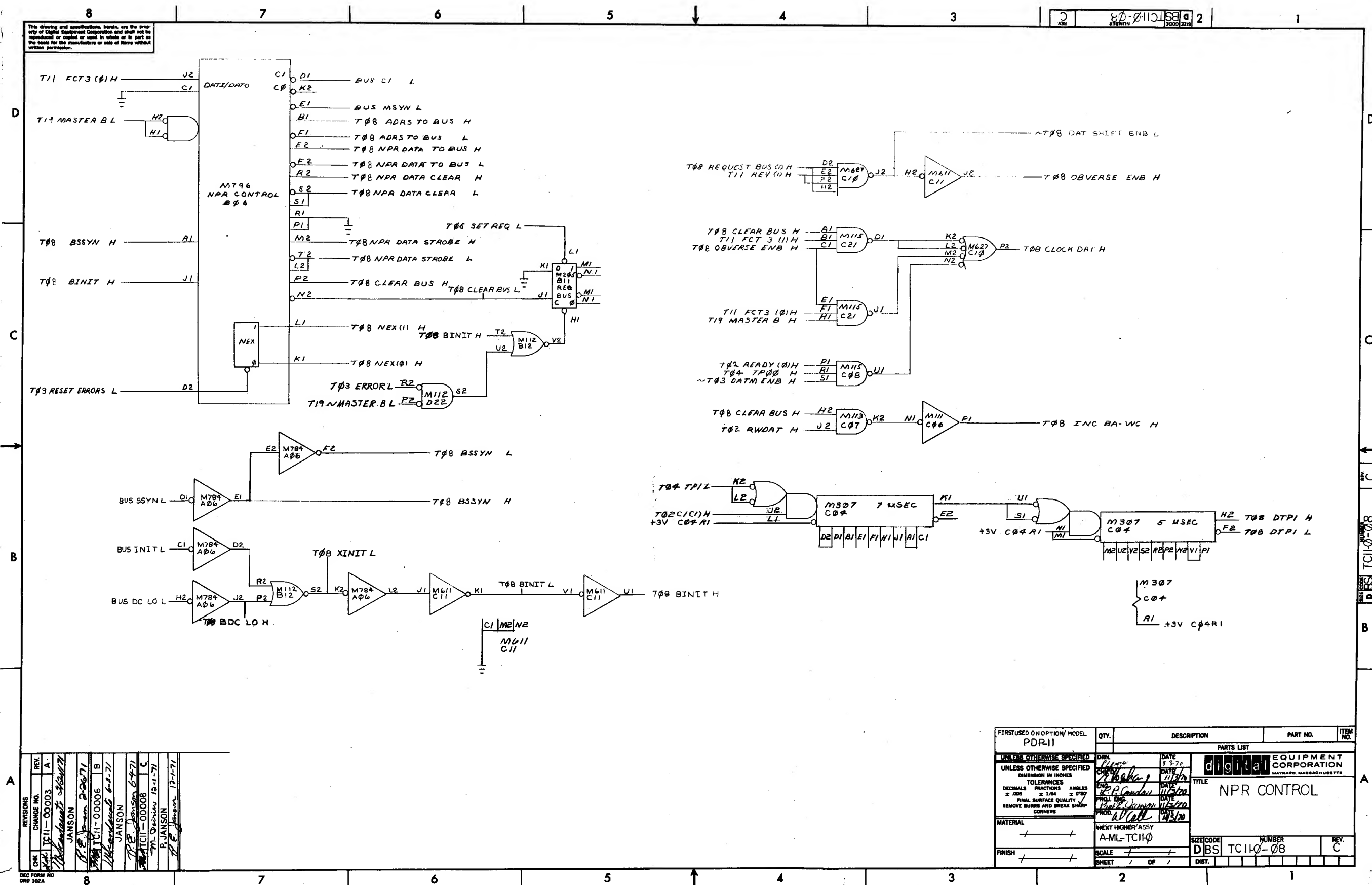




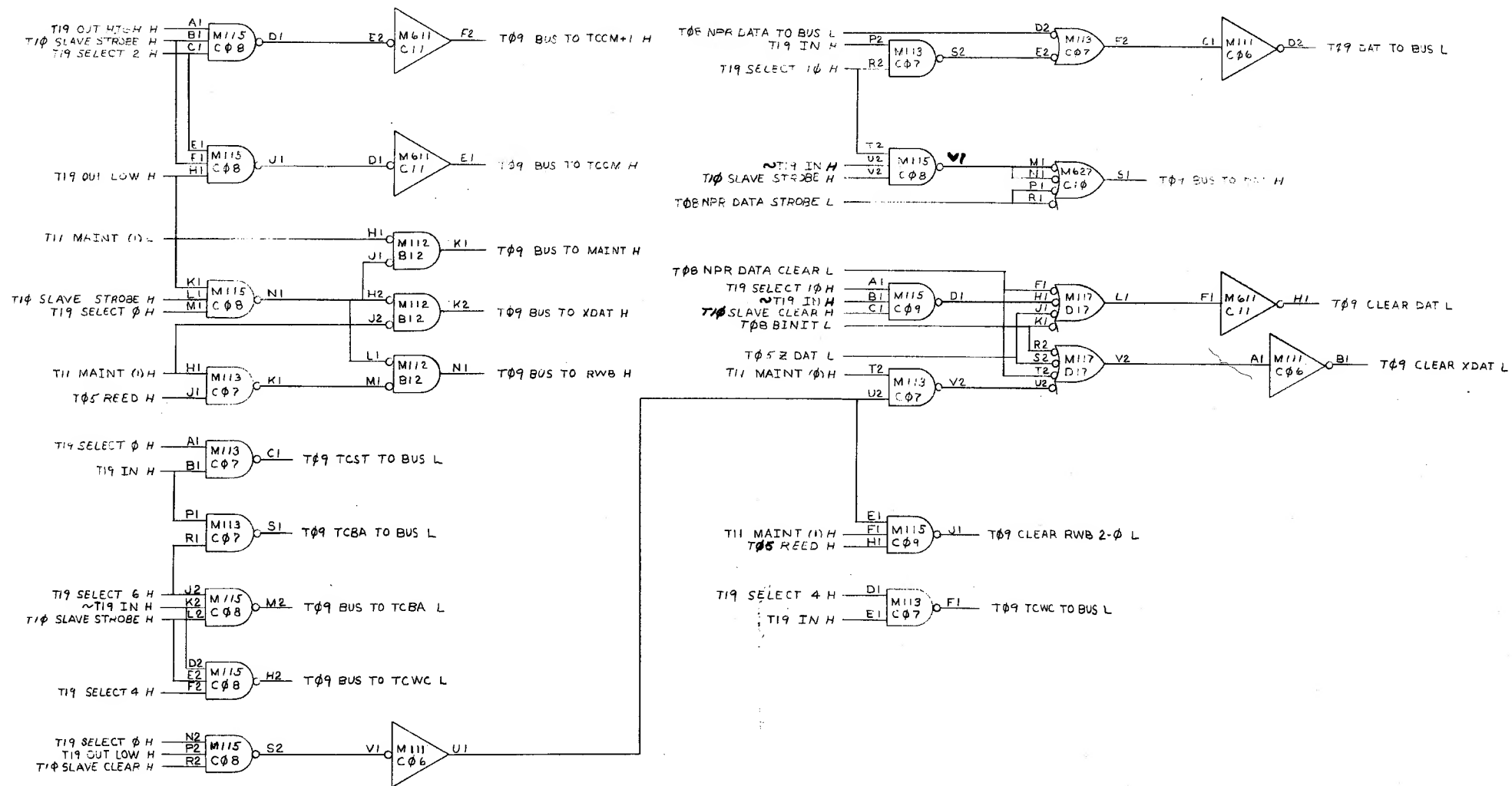


REV.	CHG.	NO.	DATE
A	1	00011	5-20-72
JANSON			
5-20-72			

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 11					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHKD.	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES		ENG.	DATE	MAYNARD, MASSACHUSETTS	
TOLERANCES		PROJ. ENG.	DATE	TITLE	
DECIMALS FRACTIONS ANGLES		PROD.	DATE	MARK TRACK DECODER	
± .005 ± 1/64 ± 0°30'				SIZE CODE NUMBER REV	
FINAL SURFACE QUALITY				DBS TC11-0-07 A	
REMOVE BURRS AND BREAK SHARP CORNERS				SCALE SHEET 1 OF 1	
MATERIAL				DIST.	
FINISH					



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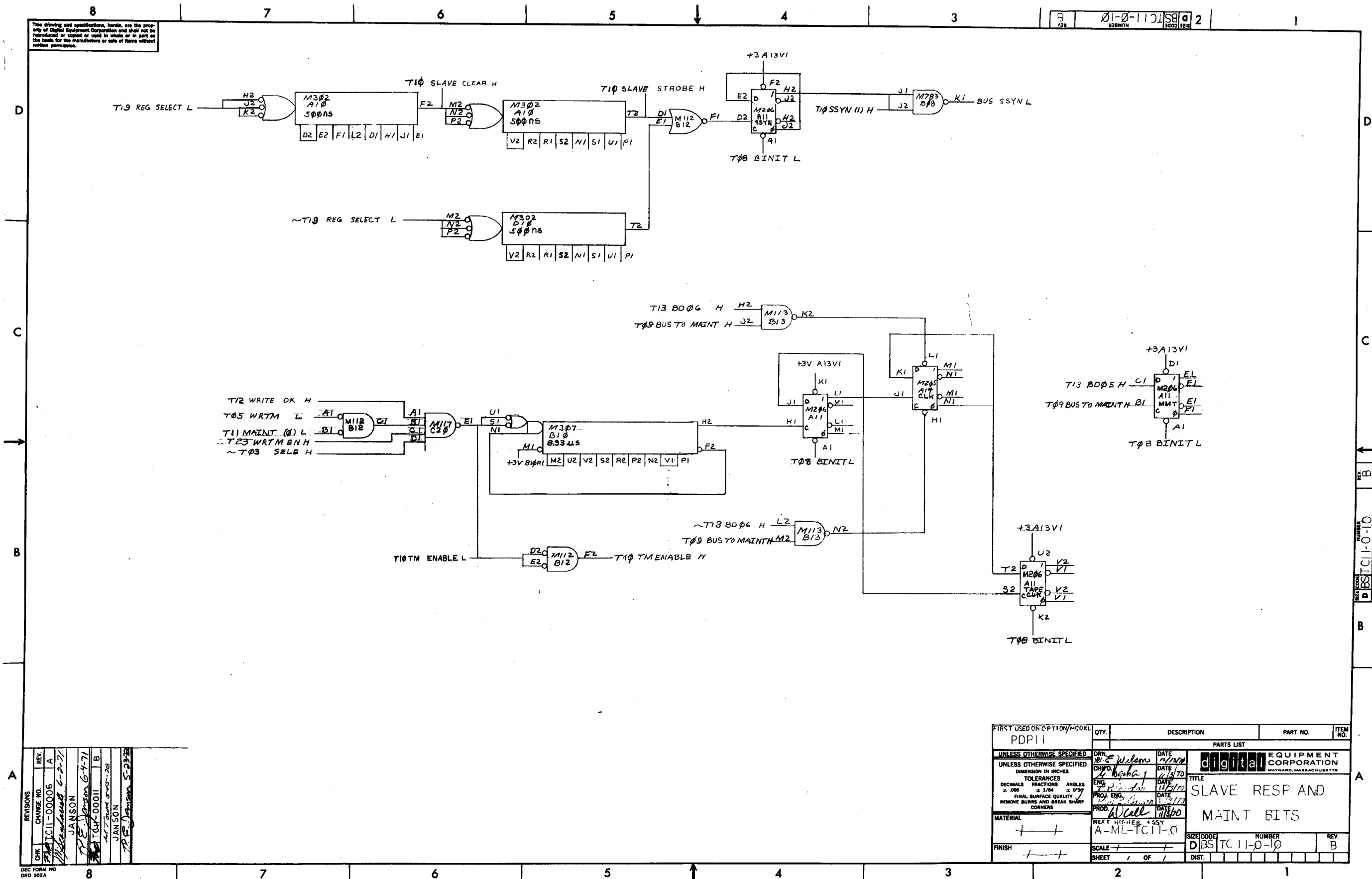


FIRST USED ON OPTION/MODEL PDP-11		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHG'D	DATE	TITLE	
DIMENSION IN INCHES		ENG	DATE	REGISTER CONTROL	
TOLERANCES		PROD. ENG.	DATE	SIZE CODE	
DECIMALS FRACTIONS ANGLES		DATE	DATE	NUMBER	
± .005 ± 1/64 ± .005		DATE	DATE	REV.	
FINAL SURFACE QUALITY		DATE	DATE	D BS TC11-0-09	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	DATE	DST.	
MATERIAL		NEXT HIGHER ASSY			
FINISH		A-ML-TC11-0			
SCALE		SHEET 1 OF 1			

REV. 1
TC11-0-09
D|BS|

REV.	CHANGE NO.	CHK.

DEC FORM NO. DRD 102A



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21-0-1101 2

D

C

B

A

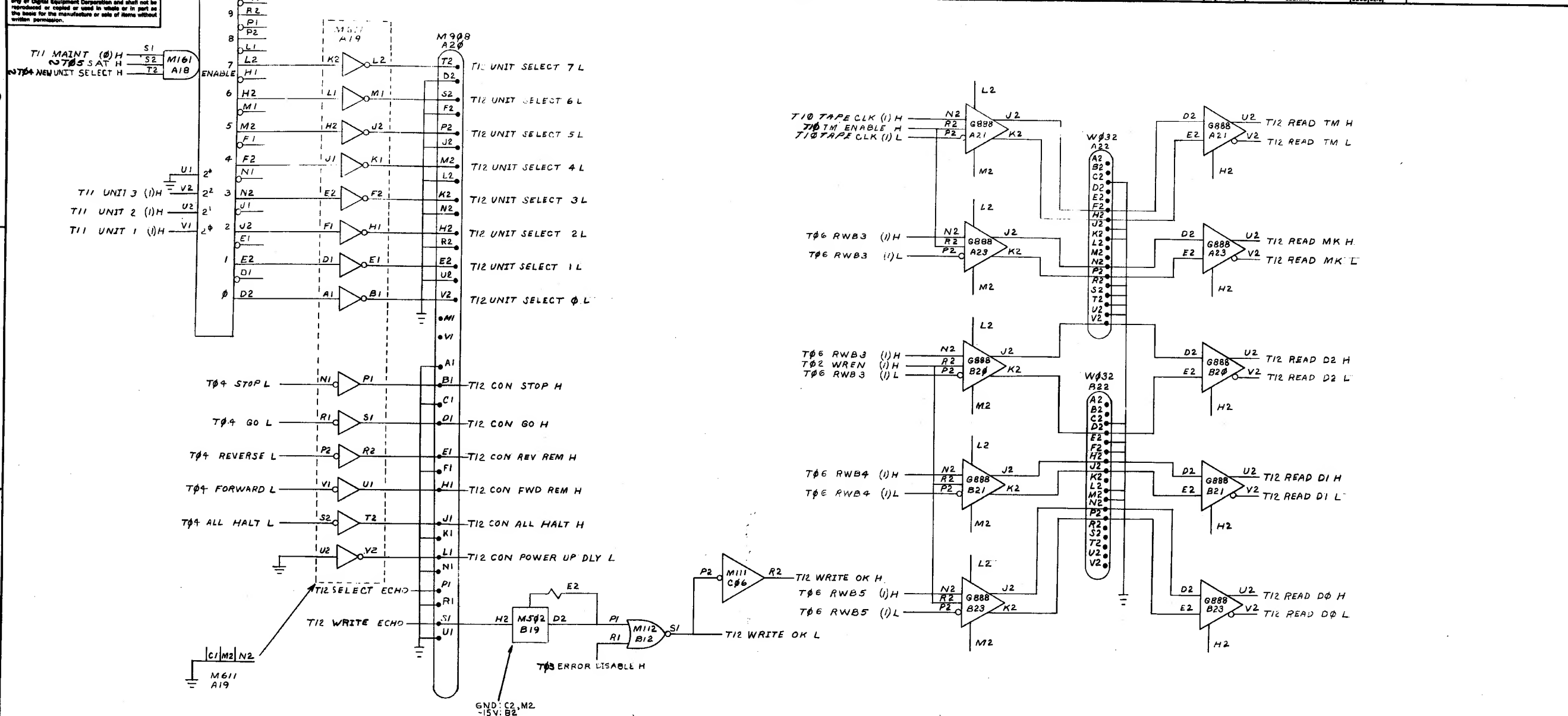
D

C

B

A

REV. C
NUMBER
TC11-S-12
BS

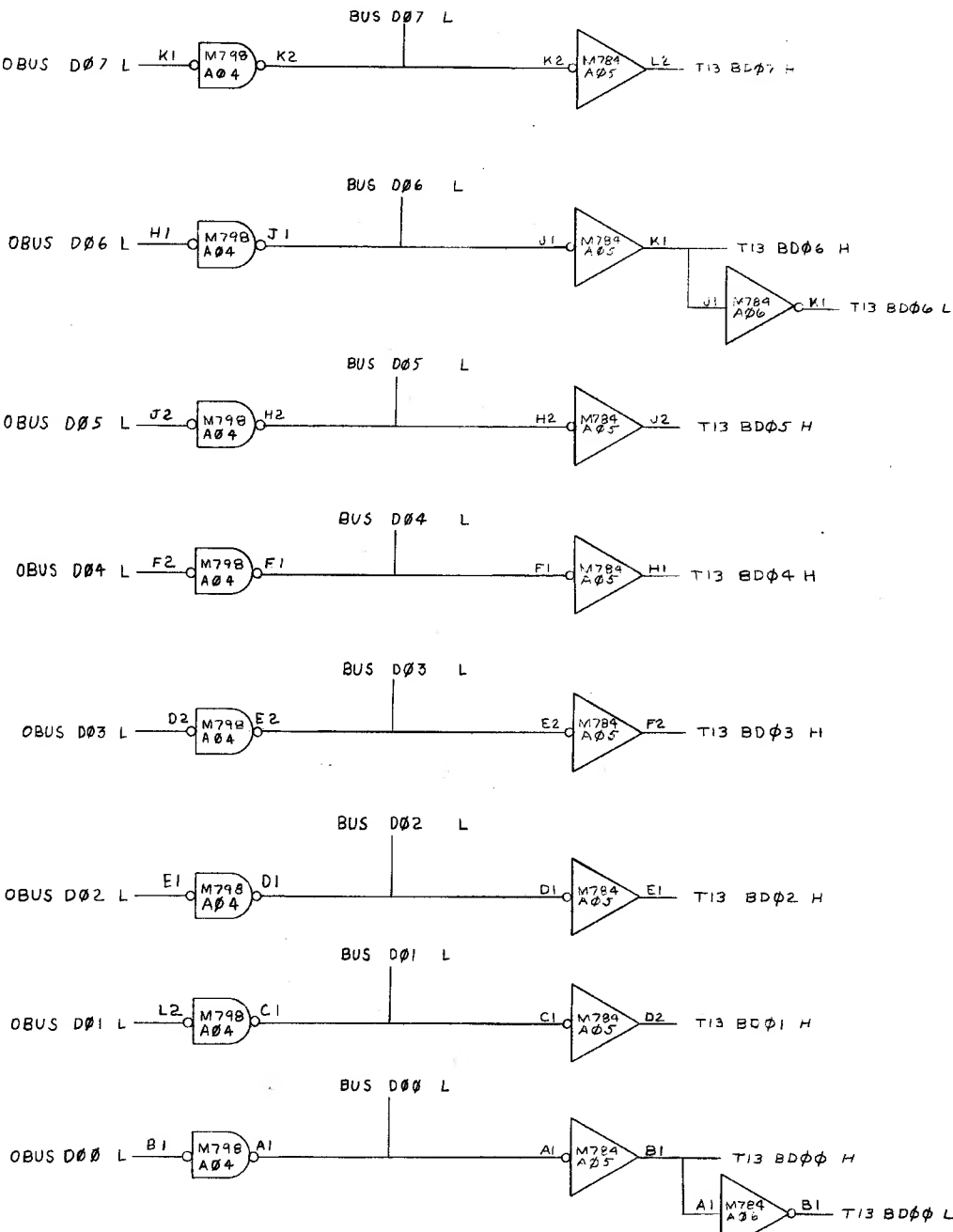
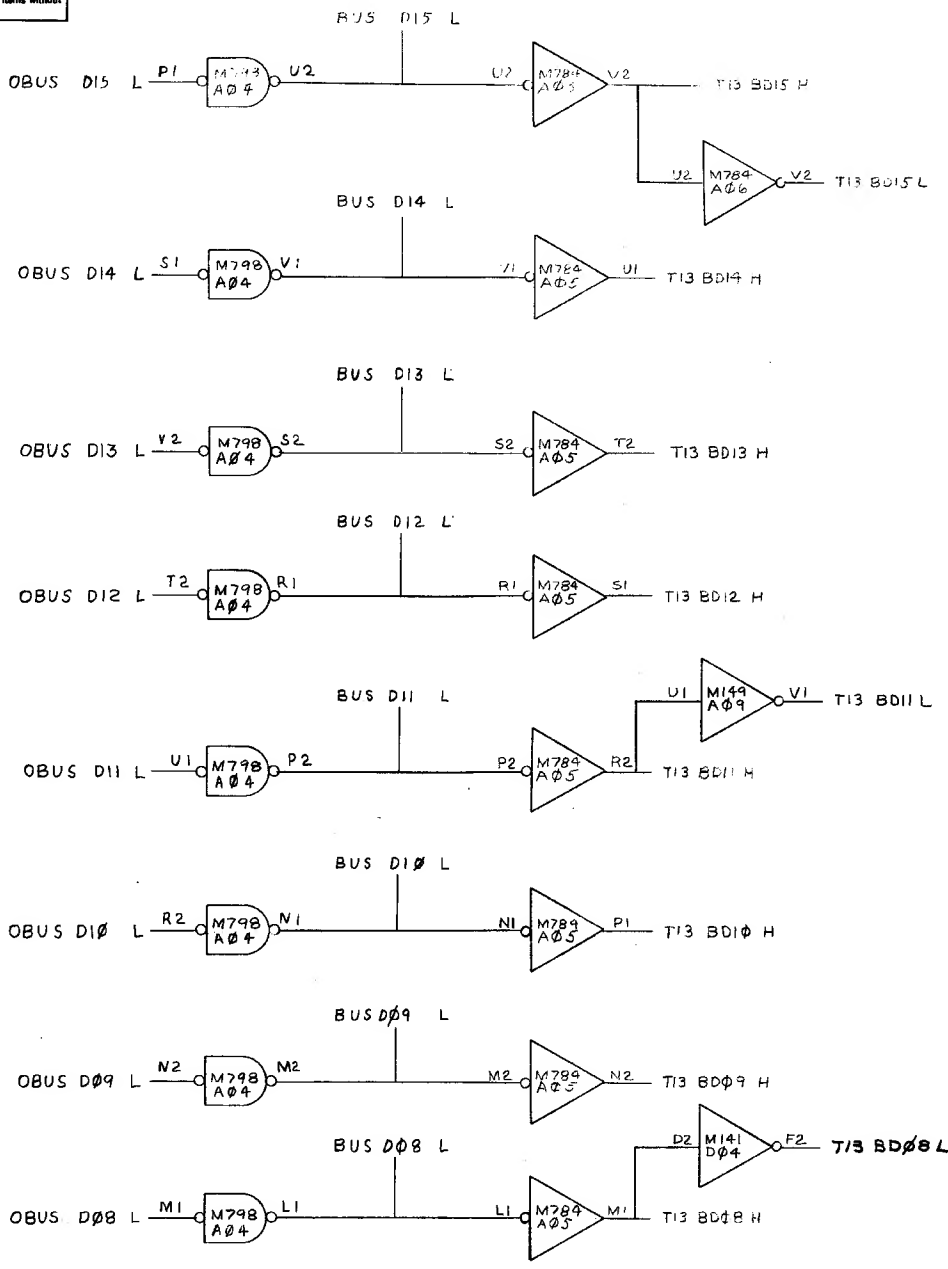


REVISIONS	CHANGE NO.	REV.	DATE	BY	CHK.
1	1	A	12-1-71	JANSON	
2	2	B	12-1-71	JANSON	
3	3	C	12-1-71	JANSON	
4	4	D	12-1-71	JANSON	

FIRST USED ON OPTION MODEL PDP-11	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS FRACTIONS ANGLES				
± .005 ± .125 ± .030				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
FINISH				
NEXT HIGHER ASSY				
A-ML-TC11-0				
SCALE				
SHEET 1 OF 1				
SIZE CODE				
D/BS TC11-S-12				
NUMBER				
REV. C				

DEC FORM NO. DRD 102A

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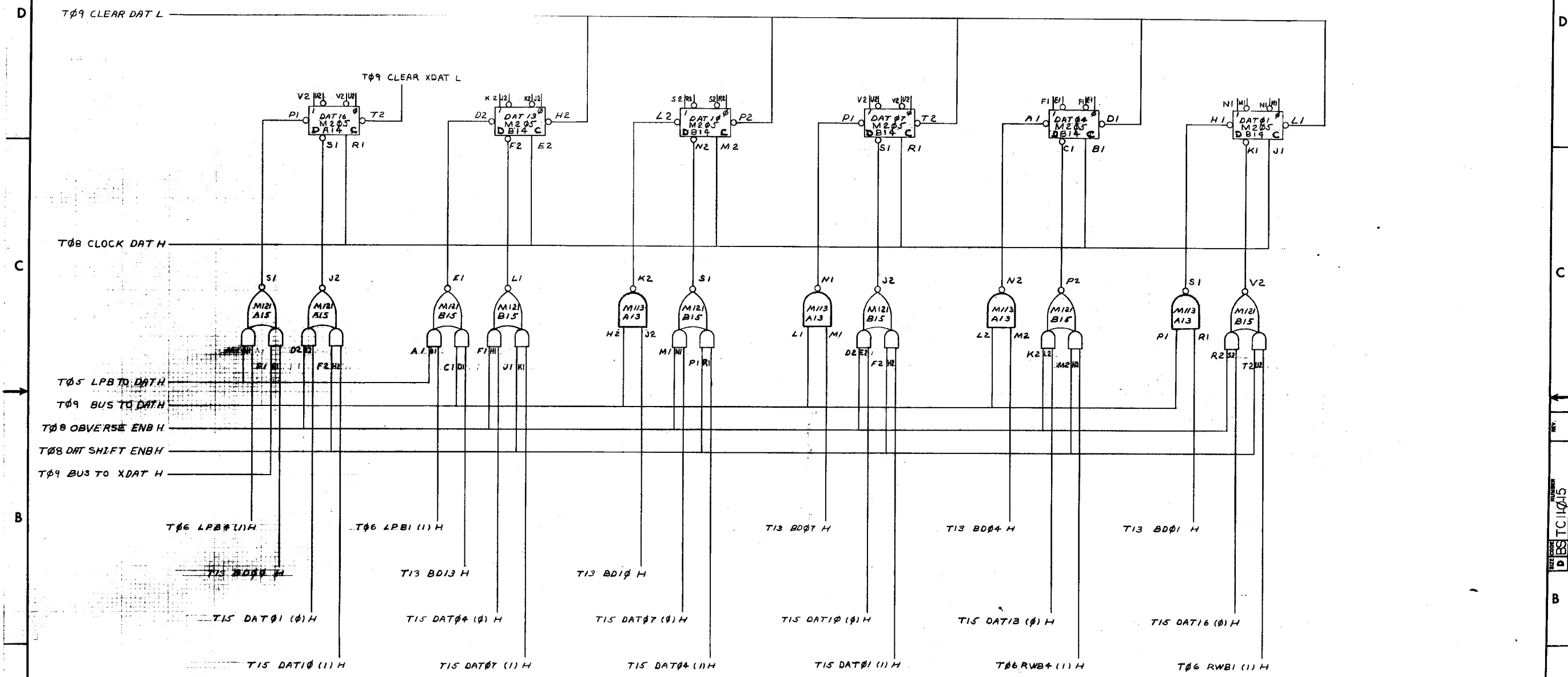


FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP-11					
UNLESS OTHERWISE SPECIFIED		DATE	PARTS LIST		
DIMENSION IN INCHES		11/3/70	digital EQUIPMENT CORPORATION		
TOLERANCES		DATE	MAYNARD, MASSACHUSETTS		
DECIMALS FRACTIONS ANGLES		11/3/70	TITLE		
± .005 ± 1/64 ± .030		11/3/70	UNIBUS DRIVERS AND RECEIVERS		
FINAL SURFACE QUALITY		DATE	SIZE/CODE		
REMOVE BURRS AND BREAK SHARP CORNERS		11/3/70	D/BS TC11-0-13		
MATERIAL		DATE	NUMBER		
NEXT HIGHER ASSY		11/3/70	REV.		
FINISH		SCALE	SHEET		
		1 OF 1	DIST.		

REV. 13
TC11-0-13
D/BS

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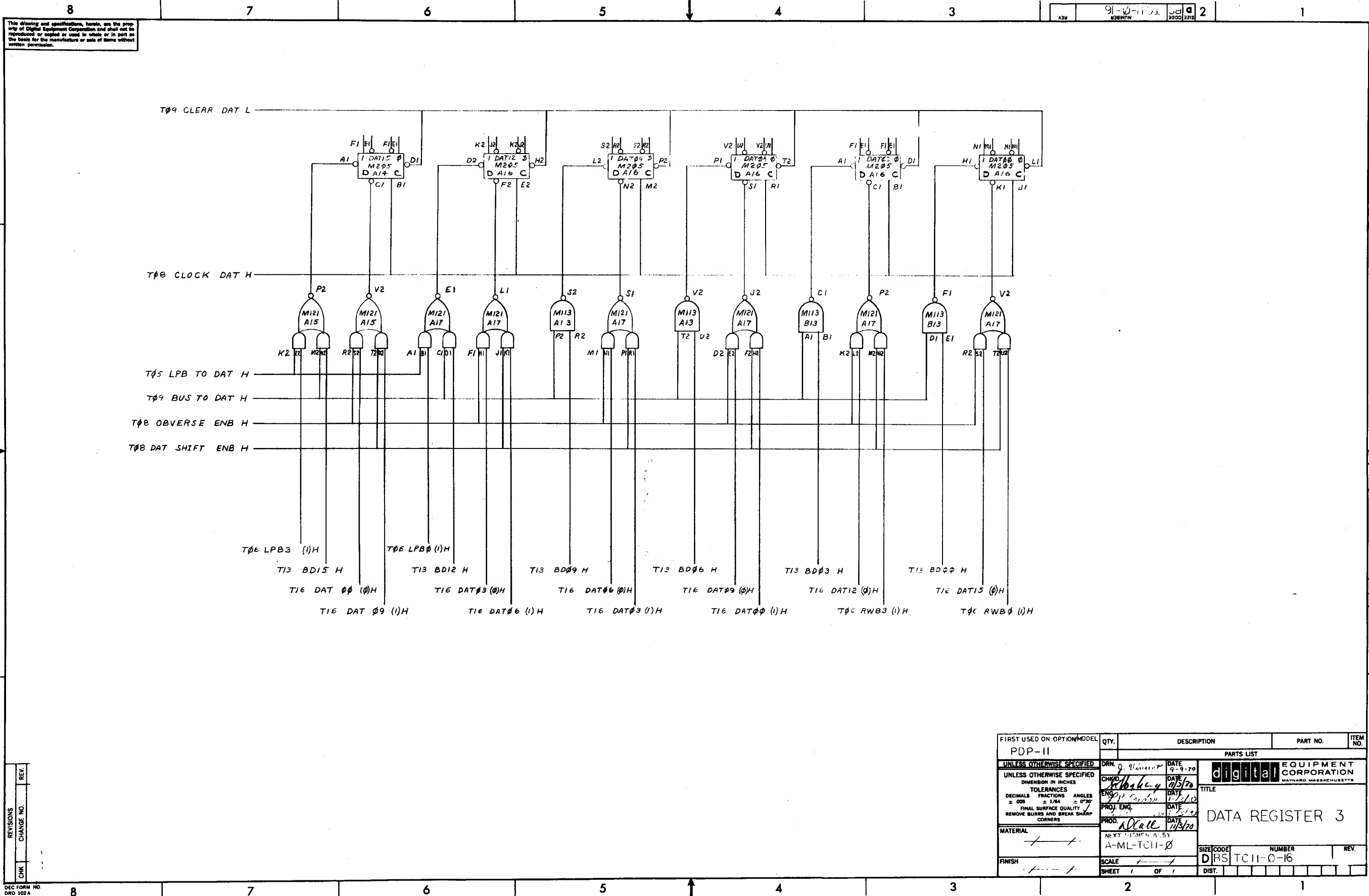
REV. 1
DATE 11/10/70
BY J. B. S.
CHECKED BY J. B. S.
APPROVED BY J. B. S.



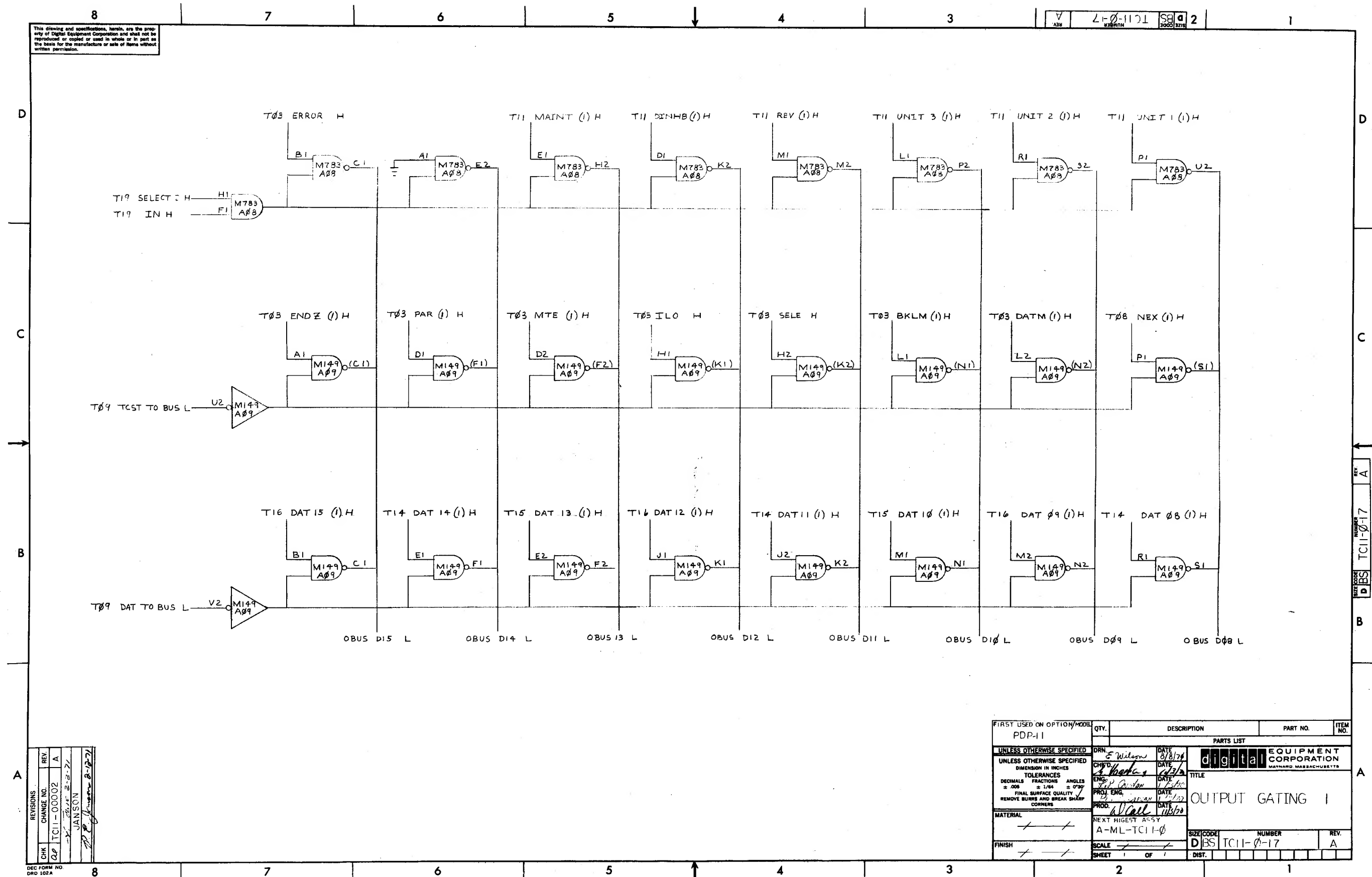
REV.	DATE	BY	CHK
1	11/10/70	J. B. S.	J. B. S.

DES FORM 100A

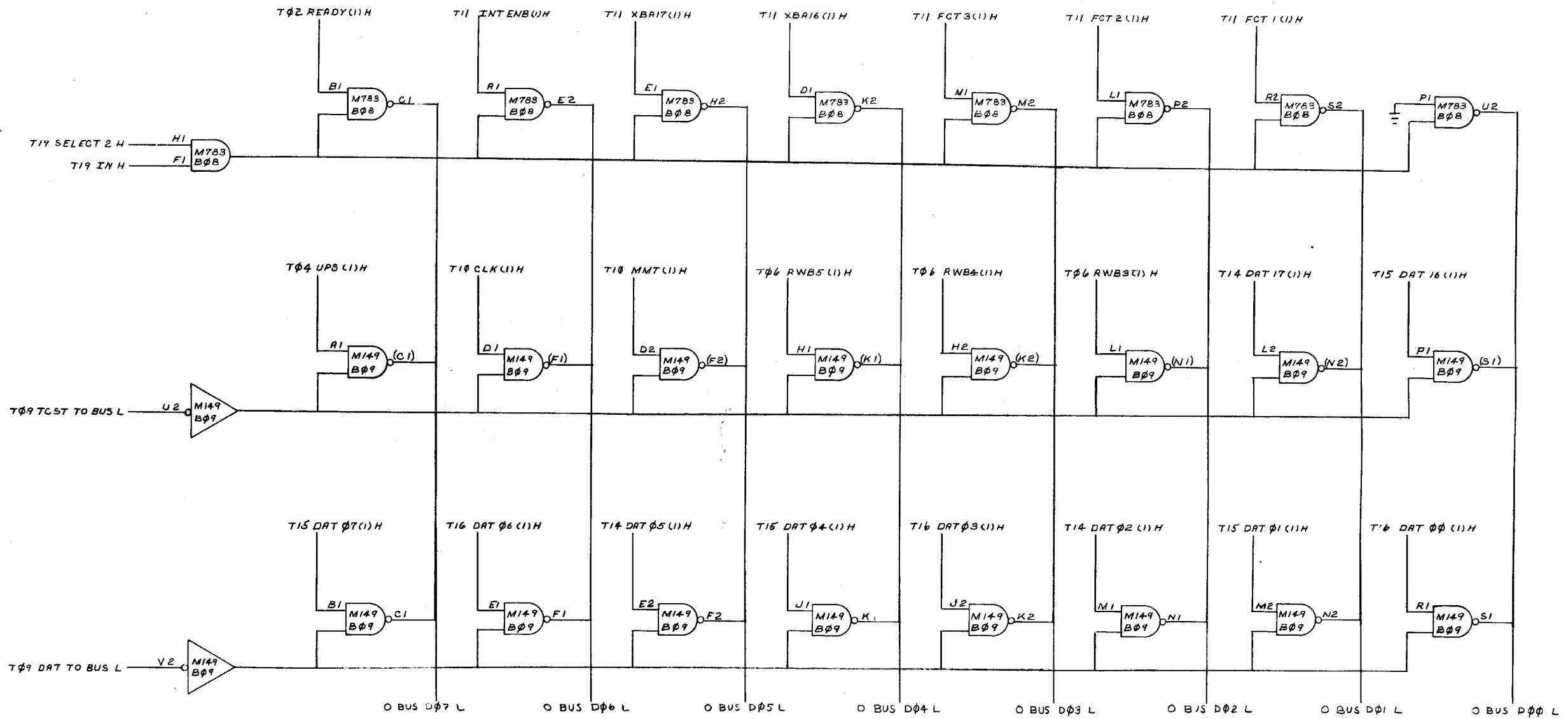
FIRST USED ON OPTION MODEL PDP-11		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
DIMENSION IN INCHES		TITLE DATA REGISTER 2			
TOLERANCES		DATE 11/10/70			
DECIMALS FRACTIONS ANGLES		DATE 11/10/70			
± .005 ± 1/64 ± 0°30'		DATE 11/10/70			
FINAL SURFACE QUALITY		DATE 11/10/70			
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 11/10/70			
MATERIAL		NEXT HIGHER ASSY AML-TC11-0			
FINISH		SCALE SHEET 1 OF 1			
SIZE CODE D BS TC11-015		NUMBER REV.			



FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP-11					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION			
DIMENSION IN INCHES		MAYNARD, MASSACHUSETTS			
TOLERANCES		TITLE			
DECIMALS FRACTIONS ANGLES		DATA REGISTER 3			
± .005 ± 1/64 ± 0°30'		SIZE CODE NUMBER REV.			
FINAL SURFACE QUALITY		D1RS TC11-0-16			
REMOVE BURRS AND BREAK SHARP CORNERS		DIST.			
MATERIAL		SCALE			
FINISH		SHEET 1 OF 1			



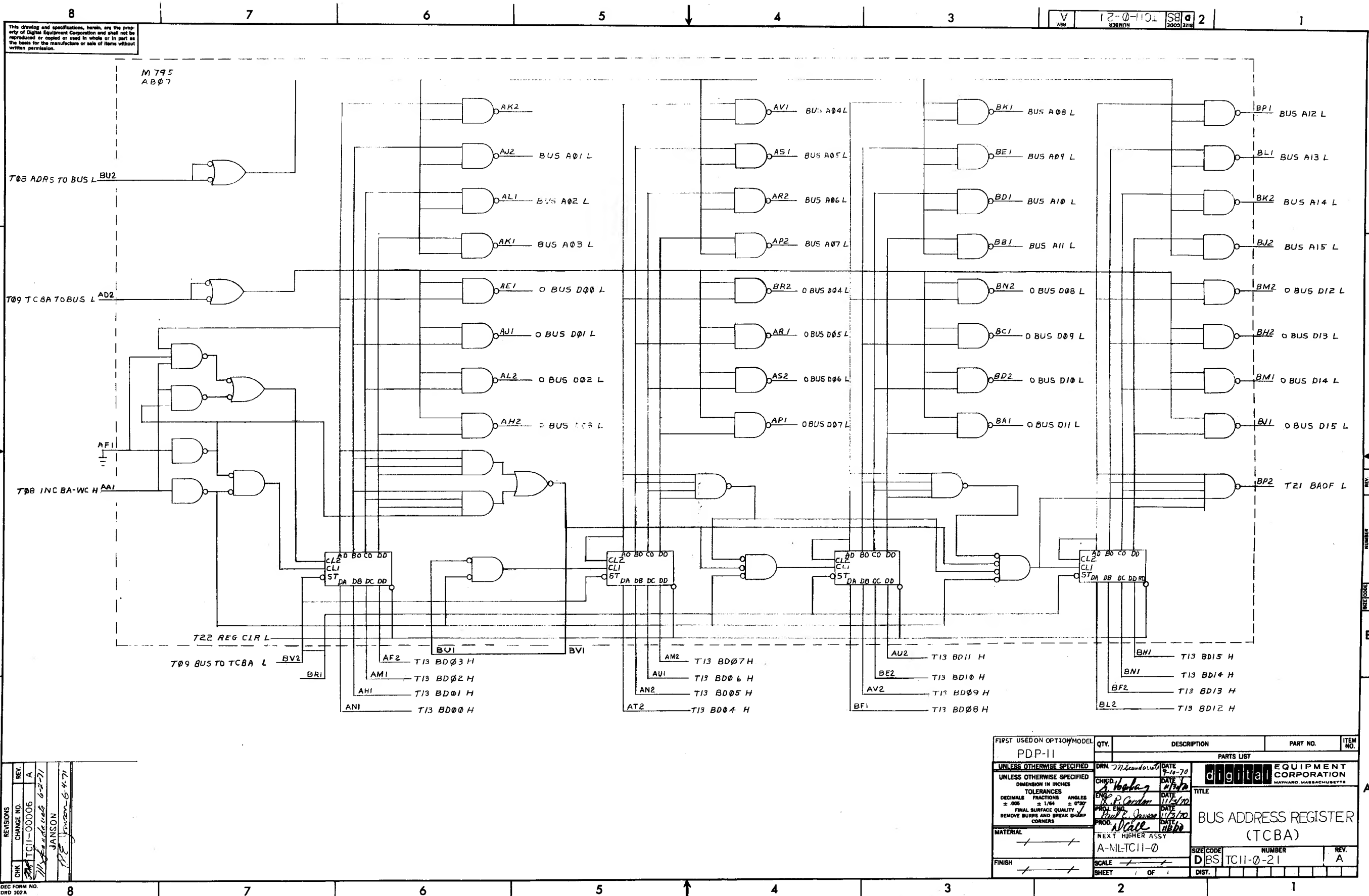
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FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP-11					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION			
DIMENSION IN INCHES		TAYNARD, MASSACHUSETTS			
TOLERANCES		TITLE			
DECIMALS FRACTIONS ANGLES		DATE 11/13/70			
± .005 ± 1/64 ± 0°30'		DATE 11/13/70			
FINAL SURFACE QUALITY		DATE 11/13/70			
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 11/13/70			
MATERIAL		NEXT HIGHER ASSY			
+ + +		A-ML-TC11-0			
FINISH		SCALE			
+ + +		SHEET 2 OF 1			
		SIZE CODE			
		D BS TC11-0-18			
		NUMBER			
		REV.			
		DIST.			

REV.	CHANGE NO.	CHK.

DEC FORM NO. DRD 102A



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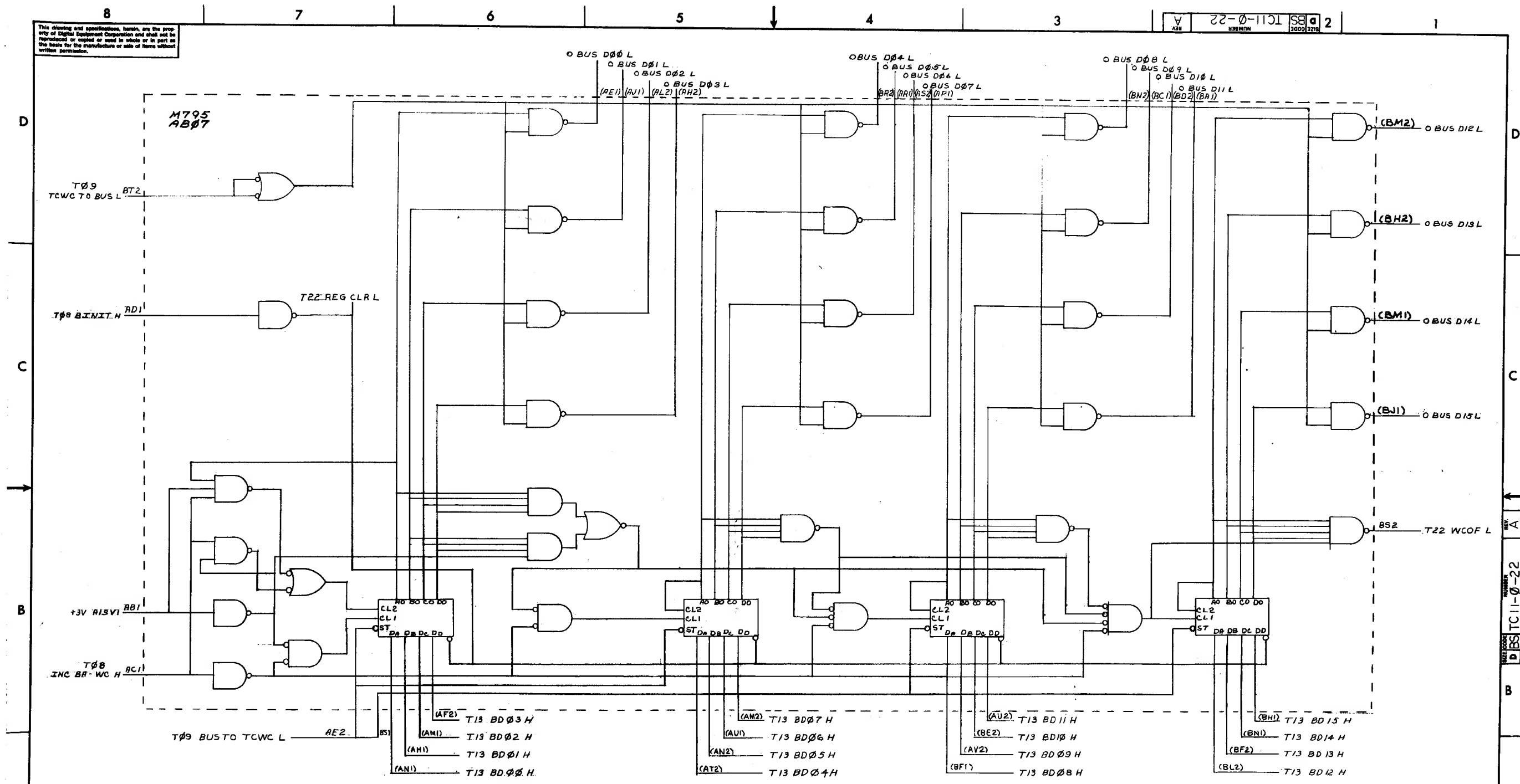
12-0-101 2

REV.	CHG. NO.	DATE
1	00006	6-2-71
2		6-2-71
3		6-2-71
4		6-2-71
5		6-2-71
6		6-2-71
7		6-2-71
8		6-2-71

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP-11					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION			
DIMENSION IN INCHES		MAYNARD, MASSACHUSETTS			
TOLERANCES		TITLE			
DECIMALS FRACTIONS ANGLES		BUS ADDRESS REGISTER			
± .005 ± 1/64 ± 0°30'		(TCBA)			
FINAL SURFACE QUALITY		SIZE CODE NUMBER REV.			
REMOVE BURRS AND BREAK SHARP CORNERS		D BS TC11-0-21 A			
MATERIAL		SCALE			
FINISH		SHEET OF 1			

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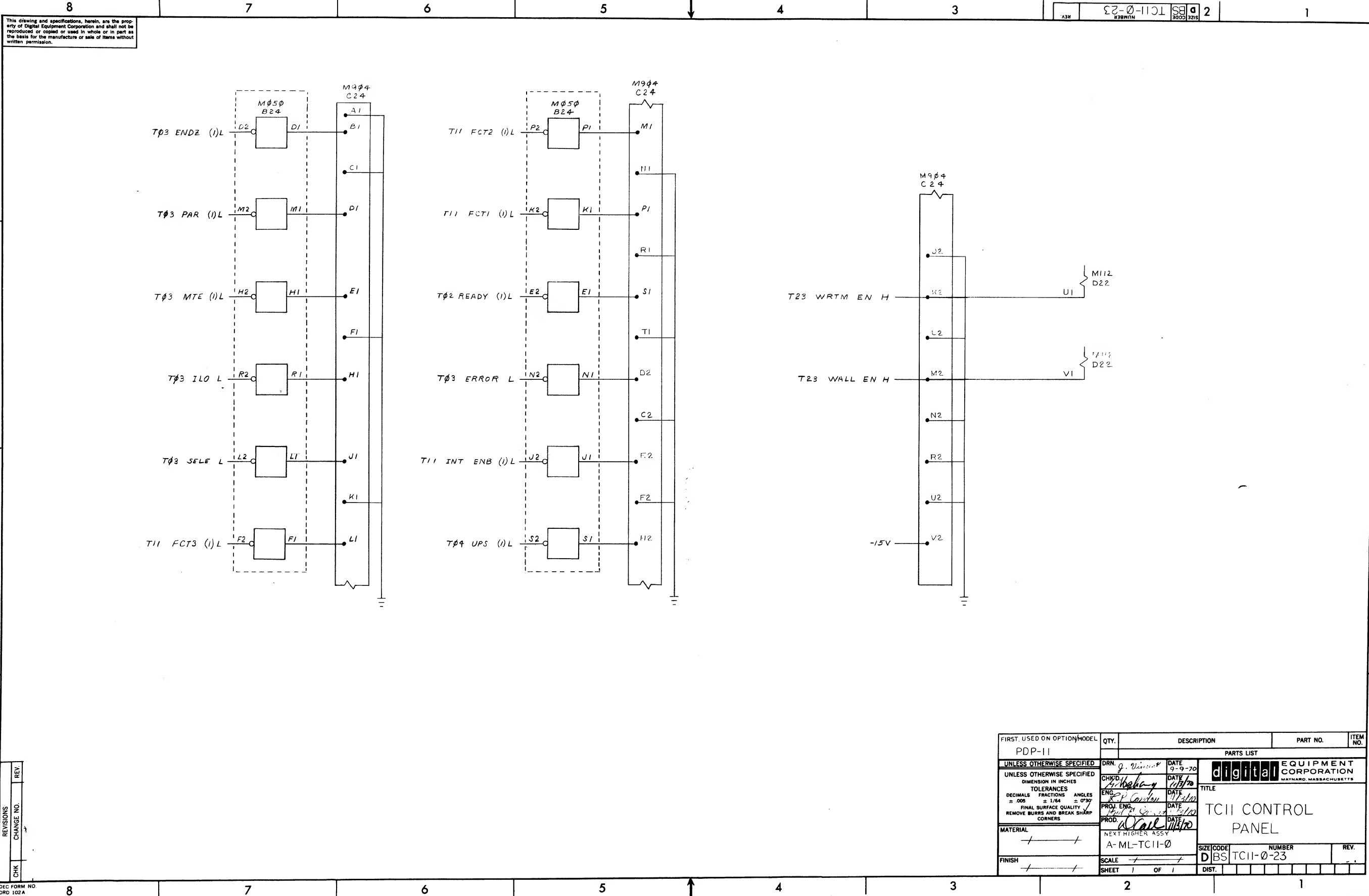
22-0-1101 2



REV.	CHG.	NO.	DATE
A	1	1	11/3/70
B	1	1	11/3/70
C	1	1	11/3/70
D	1	1	11/3/70
E	1	1	11/3/70
F	1	1	11/3/70
G	1	1	11/3/70
H	1	1	11/3/70
I	1	1	11/3/70
J	1	1	11/3/70
K	1	1	11/3/70
L	1	1	11/3/70
M	1	1	11/3/70
N	1	1	11/3/70
O	1	1	11/3/70
P	1	1	11/3/70
Q	1	1	11/3/70
R	1	1	11/3/70
S	1	1	11/3/70
T	1	1	11/3/70
U	1	1	11/3/70
V	1	1	11/3/70
W	1	1	11/3/70
X	1	1	11/3/70
Y	1	1	11/3/70
Z	1	1	11/3/70

REV.	CHG.	NO.	DATE
A	1	1	11/3/70
B	1	1	11/3/70
C	1	1	11/3/70
D	1	1	11/3/70
E	1	1	11/3/70
F	1	1	11/3/70
G	1	1	11/3/70
H	1	1	11/3/70
I	1	1	11/3/70
J	1	1	11/3/70
K	1	1	11/3/70
L	1	1	11/3/70
M	1	1	11/3/70
N	1	1	11/3/70
O	1	1	11/3/70
P	1	1	11/3/70
Q	1	1	11/3/70
R	1	1	11/3/70
S	1	1	11/3/70
T	1	1	11/3/70
U	1	1	11/3/70
V	1	1	11/3/70
W	1	1	11/3/70
X	1	1	11/3/70
Y	1	1	11/3/70
Z	1	1	11/3/70

DEC FORM NO. 102A



REV.	CHANGE NO.
1	1

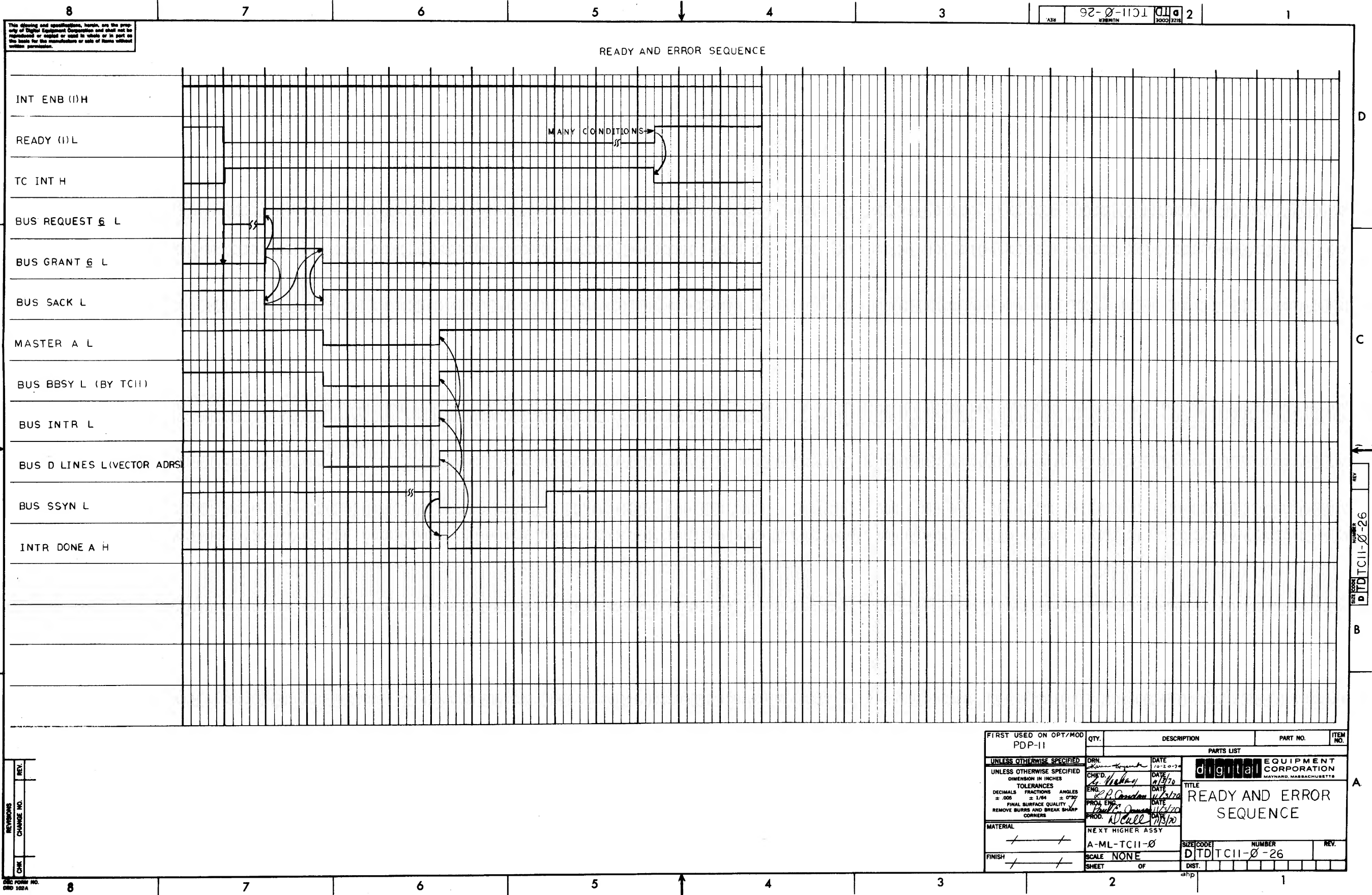
FIRST, USED ON OPTION/MODEL PDP-11		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED		DRN.	DATE		
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE		
DIMENSION IN INCHES		ENG.	DATE		
TOLERANCES		PROJ. ENG.	DATE		
DECIMALS FRACTIONS ANGLES		PROD.	DATE		
± .005 ± 1/64 ± .030		NEXT HIGHER ASSY			
FINAL SURFACE QUALITY		A-ML-TCII-0			
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE			
MATERIAL		SHEET 1 OF 1			
FINISH		DIST.			
TITLE		REV.			
TCII CONTROL PANEL		1			
SIZE CODE		NUMBER			
D BS		TCII-0-23			

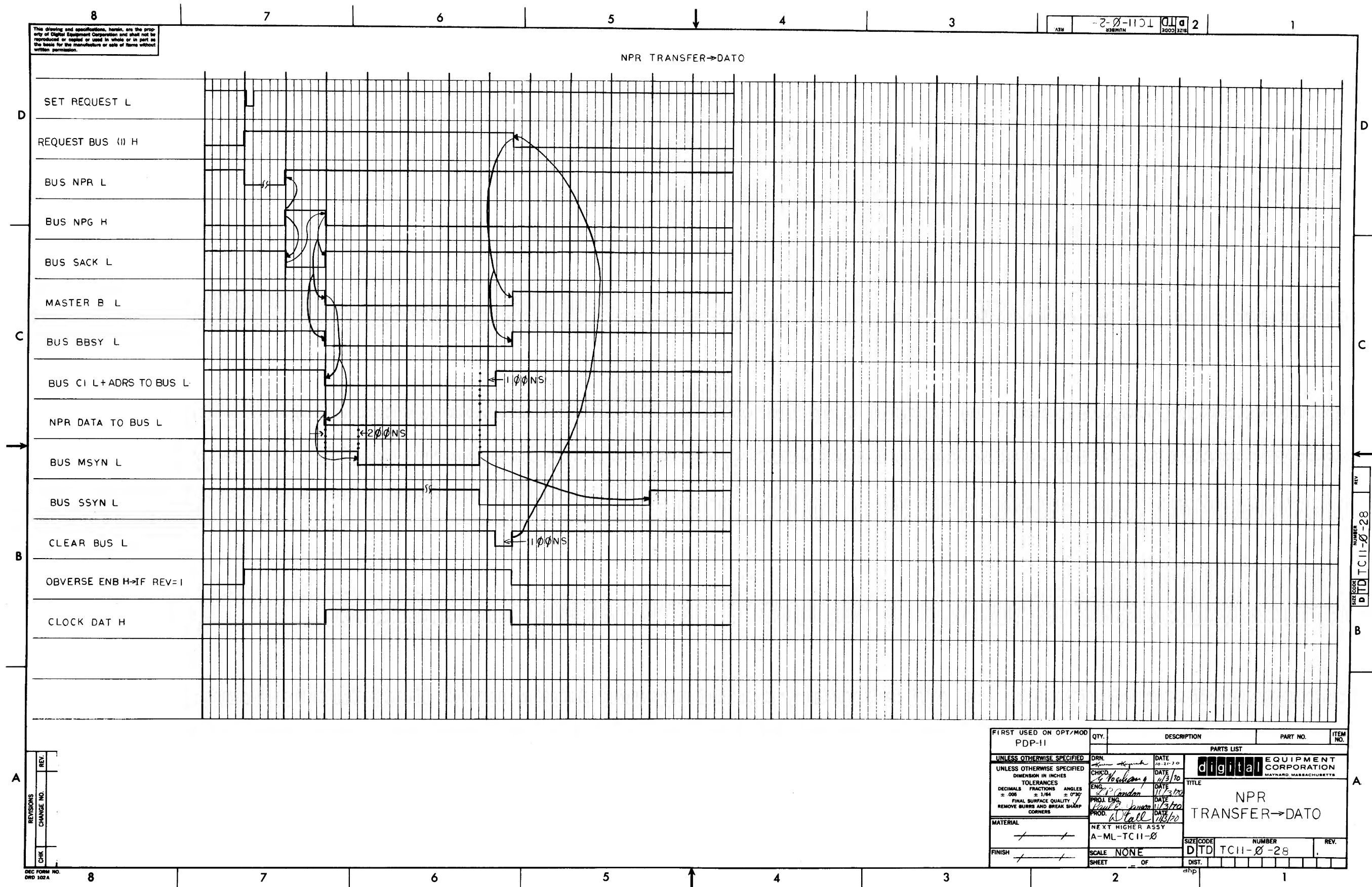
D



WDATA


A





DRWG NO		REV LTR	
K-WL-TCII-Ø-3Ø		F	

REVISIONS			
REV LTR	ECO NO	DATE	ENG
A	TCII-00002	2-2-71	(Signature)
B	TCII-00003	2-25-71	(Signature)
C	TCII-00006	6-2-71	(Signature)
D	TCII-00008	12-1-71	(Signature)
E	TCII-00010	4-13-72	(Signature)
F	TCII-00011	5-15-72	(Signature)

DRAWN T. Chutkova		DATE 10/30/70		 digital EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small>	TITLE DECTAPE CONTROL TCII				
CHECKED M. Norcia		DATE 11/3/70			FOR TAPE# FILE*				
ENG Larry P. Condon		DATE 11/3/70			SIZE CODE DWG. NO.				
PROJ. ENG D.E. Johnson		DATE 11/3/70			REV LTR				
PROB W. Call		DATE 11/3/70			F				
ASSY NO				SCALE		SHEET OF		DIST.	

K		WL		TCII-Ø-3Ø	
---	--	----	--	-----------	--

TC11,F RUN NAME	A/P PIN NAME	HND288.V19(16) 03/31/72 ORDER BAY - PIN ORDER	Q DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 3 RUN NUMBER
*3 D23V1	D23V1	1-01 *	T018		1				15
*3 D23V1	D23S2	1-02 *	T19		2				15
*3 D23V1	D23E2	1-03 *	T02				6-2/8		15
*3 D23V1		1							15
A06D2	A06D2	1-01 *	T08S		1				16
A06D2	B12R2	1-02 *	T08				7-4/8		16
A06D2		1							16
A06L2	A06L2	1-01 *	T08S		1				17
A06L2	C11J1	1-02 *	T08				8-2/8		17
A06L2		1							17
A06S1	A06S1	1-01 *	T02S		1				18
A06S1	B13P2	1-02 *	T02				7-2/8		18
A06S1		1							18
A06T2	A06T2	1-01 *	T19S		1				19
A06T2	B13D2	1-02 *	T19				6-4/8		19
A06T2		1							19
A06U1	A06S2	1-01 *	T19		1				20
A06U1	A06U1	1-02 *	T19S		2				20
A06U1	B13H1	1-03 *	T19				9-2/8		20
A06U1		1							20
A10D2	A10D2	1-01 *	T10S		1				21
A10D2	A10E2	1-02 *	T10				2-4/8		21
A10D2		1							21
A10V2	A10R2	1-01 *	T10		1				22
A10V2	A10V2	1-02 *	T10S				2-6/8		22
A10V2		1							22
A11L1	A11L1	1-01 *	T10S		1				23
A11L1	A11J1	1-02 *	T10				4-0/8		23
A11L1		1							23
A11M1	A11J1	1-01 *	T10		1				24
A11M1	A11M1	1-02 *	T10S		2				24
A11M1	A11S2	1-03 *	T10				5-6/8		24
A11M1		1							24
A13C1	A13C1	1-01 *	T14S		1				25
A13C1	B10L2	1-02 *	T14				6-6/8		25
A13C1		1							25

TC11,F RUN NAME	A/P PIN NAME	HND288.V19(16) 03/31/72 ORDER BAY - PIN ORDER	Q DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 4 RUN NUMBER
A13F1	A13F1	1-01 *	T14S		1				26
A13F1	B10P1	1-02 *	T14				6-4/8		26
A13F1		1							26
A13F2	A13F2	1-01 *	T14S		1				27
A13F2	B10A1	1-02 *	T14				5-0/8		27
A13F2		1							27
A13K1	A13K1	1-01 *	T14S		1				28
A13K1	B10H1	1-02 *	T14				5-4/8		28
A13K1		1							28
A13K2	A13K2	1-01 *	T15S		1				29
A13K2	B14L2	1-02 *	T15				5-4/8		29
A13K2		1							29
A13N1	A13N1	1-01 *	T15S		1				30
A13N1	B14P1	1-02 *	T15				5-4/8		30
A13N1		1							30
A13N2	A13N2	1-01 *	T15S		1				31
A13N2	B14A1	1-02 *	T15				3-6/8		31
A13N2		1							31
A13S1	A13S1	1-01 *	T15S		1				32
A13S1	B14H1	1-02 *	T15				4-2/8		32
A13S1		1							32
A13S2	A13S2	1-01 *	T16S		1				33
A13S2	A10L2	1-02 *	T16				4-2/8		33
A13S2		1							33
A13V2	A13V2	1-01 *	T16S		1				34
A13V2	A10P1	1-02 *	T16				3-6/8		34
A13V2		1							34
A15E1	A14L2	1-01 *	T14		1				35
A15E1	A15E1	1-02 *	T14S				3-0/8		35
A15E1		1							35
A15J2	A15J1	1-01 *	T15		1				36
A15J2	A15J2	1-02 *	T15S				3-4/8		36
A15J2		1							36
A15L1	A14N2	1-01 *	T14		1				37
A15L1	A15L1	1-02 *	T14S				2-6/8		37
A15L1		1							37

TC11.F		HND288.V16(16) 03/31/72		Q		DRAW RV PG Y		X	Z	REMARKS	24-MAY-72	21112	PAGE 5
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER							LENGTH	EXCEPTIONS	RUN NUMBER
A15P2		A14A1		1-01 *		T16			1				38
A15P2		A15P2		1-02 *		T16S					4-2/8		38
A15S1		A14P1		1-04 *		T15			1				39
A15S1		A15S1		1-02 *		T15S					3-0/8		39
A15V2		A14C1		1-01 *		T16			1		4-4/8		40
A15V2		A15V2		1-02 *		T16S							40
A17E1		A16D2		1-01 *		T16			1		2-4/8		41
A17E1		A17E1		1-02 *		T16S							41
A17J2		A16S1		1-01 *		T16			1		3-4/8		42
A17J2		A17J2		1-02 *		T16S							42
A17L1		A16F2		1-01 *		T16			1		3-0/8		43
A17L1		A17L1		1-02 *		T16S							43
A17P2		A16C1		1-01 *		T16			1		4-0/8		44
A17P2		A17P2		1-02 *		T16S							44
A17S1		A16N2		1-01 *		T16			1		2-6/8		45
A17S1		A17S1		1-02 *		T16S							45
A17V2		A16K1		1-01 *		T16			1		3-6/8		46
A17V2		A17V2		1-02 *		T16S							46
A18D2		A18D2		1-01 *		T12S			1		2-6/8		47
A18D2		A19A1		1-02 *		T12							47
A18E2		A18E2		1-01 *		T12S			1		2-6/8		48
A18E2		A19D1		1-02 *		T12							48
A18F2		A18F2		1-01 *		T12S			1		2-6/8		49
A18F2		A19J1		1-02 *		T12							49

TC11.F		HND288.V16(16) 03/31/72		Q		DRAW RV PG Y		X	Z	REMARKS	24-MAY-72	21112	PAGE 6
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER							LENGTH	EXCEPTIONS	RUN NUMBER
A18M2		A18M2		1-01 *		T12S			1		3-0/8		50
A18M2		A19L1		1-02 *		T12							50
A18M2		A18J2		1-01 *		T12S			1		2-6/8		51
A18M2		A19F1		1-02 *		T12							51
A18L2		A18L2		1-01 *		T12S			1		2-6/8		52
A18L2		A19K2		1-02 *		T12							52
A18M2		A18M2		1-01 *		T12S			1		3-0/8		53
A18M2		A19H2		1-02 *		T12							53
A18N2		A18N2		1-01 *		T12S			1		3-4/8		54
A18N2		A19E2		1-02 *		T12							54
A21J2		A21D2		1-01 *		T12			2		5-6/8		55
A21J2		A21J2		1-02 *		T12S							55
A21J2		A22F2		1-03 *		T12							55
A21K2		A21E2		1-01 *		T12			2		5-6/8		56
A21K2		A21K2		1-02 *		T12S							56
A21K2		A22H2		1-03 *		T12			1		5-6/8		56
A23J2		A23D2		1-01 *		T12			2		5-6/8		57
A23J2		A23J2		1-02 *		T12S							57
A23J2		A22N2		1-03 *		T12			1		5-6/8		57
A23K2		A23E2		1-01 *		T12			2		5-6/8		58
A23K2		A23K2		1-02 *		T12S							58
A23K2		A22P2		1-03 *		T12			1		5-6/8		58
AORS TO BUS	H	B08S1		1-01 *		T11			1		6-6/8		59
AORS TO BUS	H	B08N1		1-02 *		T11							59
AORS TO BUS	H	B08B1		1-03 *		T08S							59

TC11.F RUN NAME	A/P	PIN NAME	HND280-V16(10) 03/31/72	ORDER PIN	BAY ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 7 RUN NUMBER
ADRS TO BUS	L	B00F1			1-01 *		T009		1				60
ADRS TO BUS	L	B07U2			1-02 *		T21						60
ADRS TO BUS					1						4-0/8		60
ALL HALT	L	A19S2			1-01 *		T12		1				61
ALL HALT	L	DZBV2			1-02 *		T04S						61
ALL HALT					1						11-0/8		61
B04S2		B12E2			1-01 *		T19		1				62
B04S2		B13J1			1-02 *		T19		2				62
B04S2		B07S2			1-03 *		T19S						62
B04S2					1						9-6/8		62
B07U1		B07U1			1-01 *		T21		1				63
B07U1		B07V1			1-02 *		T21S						63
B07U1					1						2-4/8		63
B10A1		B10A1			1-01 *		T0BS		1				64
B10A1		B10C1			1-02 *		T0S						64
B10A1					1						2-4/8		64
B10D1		B10D1			1-01 *		T0BS		1				65
B10D1		B10D2			1-02 *		T0S						65
B10D1					1						2-4/8		65
B10F2		B10F2			1-01 *		T10S		1				66
B10F2		B10N1			1-02 *		T10						66
B10F2					1						3-2/8		66
B10H2		A11H1			1-01 *		T10		1				67
B10H2		B10M2			1-02 *		T10S						67
B10H2					1						5-2/8		67
B10K1		B10K1			1-01 *		T04S		1				68
B10K1		D13A1			1-02 *		T04		2				68
B10K1		D15E1			1-03 *		T04		1				68
B10K1		D23J1			1-04 *		T04						68
B10K1					1						17-6/8		68
B10M2		B10M2			1-01 *		T10S		1				69
B10M2		B10U2			1-02 *		T10						69
B10M2					1						3-0/8		69
B10P1		B10P1			1-01 *		T10S		1				70
B10P1		B10V1			1-02 *		T10						70
B10P1					1						3-0/8		70

TC11.F RUN NAME	A/P	PIN NAME	HND289.V16(16) 03/31/72	BAY - ORDER PIN	O	DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 8 RUN NUMBER
B12C1		B12C1		1-01 *		T10S		1				71
B12C1		C20B1		1-02 *		T10						71
B12C1				1						7-4/8		71
B12F1		A11D2		1-01 *		T10		1				72
B12F1		B12F1		1-02 *		T10S						72
B12F1				1						5-4/8		72
B12V2		B11H1		1-01 *		T08		1				73
B12V2		B12V2		1-02 *		T08S						73
B12V2				1						4-0/8		73
B13C1		A19A1		1-01 *		T16		1				74
B13C1		B13C1		1-02 *		T16						74
B13C1				1						6-0/8		74
B13F1		A16H1		1-01 *		T16		1				75
B13F1		B13F1		1-02 *		T16S						75
B13F1				1						5-4/8		75
B13F2		B13F2		1-01 *		T19S		1				76
B13F2		C06D1		1-02 *		T19						76
B13F2				1						7-0/8		76
B13K1		B13K1		1-01 *		T19S		1				77
B13K1		C06H2		1-02 *		T19						77
B13K1				1						6-4/8		77
B13K2		A14L1		1-01 *		T10		1				78
B13K2		B13K2		1-02 *		T10S						78
B13K2				1						5-2/8		78
B13N2		A14H1		1-01 *		T10		1				79
B13N2		B13N2		1-02 *		T10S						79
B13N2				1						5-6/8		79
B13S1		B13S1		1-01 *		T04S		1				80
B13S1		C11S1		1-02 *		T04						80
B13S1		D09S1		1-03 *		T04						80
B13S1				1						13-2/8		80
B13S2		B13S2		1-01 *		T02S		1				81
B13S2		D10P2		1-02 *		T02						81
B13S2				1						8-4/8		81

TC11.F RUN NAME	A/P NAME	HND288.V16(16) ORDER PIN	03/31/72 BAY ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 9 RUN NUMBER
B13V2		B13V2	1-01 *		T04S		1				82
B13V2		C29B1	1-02 *						7-2/8		82
B13V2			1								82
B15E1		B14D2	1-01 *		T15		1				83
B15E1		B15E1	1-02 *		T15S				2-4/8		83
B15E1			1								83
B15J2		B14S1	1-01 *		T15		1				84
B15J2		B15J2	1-02 *		T15S				3-4/8		84
B15J2			1								84
B15L1		B14F2	1-01 *		T15		1				85
B15L1		B15L1	1-02 *		T15S				3-0/8		85
B15L1			1								85
B15P2		B14C1	1-01 *		T15		1				86
B15P2		B15P2	1-02 *		T15				4-0/8		86
B15P2			1								86
B15S1		B14N2	1-01 *		T15		1				87
B15S1		B15S1	1-02 *		T15S				2-6/8		87
B15S1			1								87
B15V2		B14K1	1-01 *		T15		1				88
B15V2		B15V2	1-02 *		T15S				3-6/8		88
B15V2			1								88
B17E1		B16D2	1-01 *		T14		1				89
B17E1		B17E1	1-02 *		T14S				2-4/8		89
B17E1			1								89
B17J2		B16S1	1-01 *		T14		1				90
B17J2		B17J2	1-02 *		T14S				3-4/8		90
B17J2			1								90
B17L1		B16F2	1-01 *		T14		1				91
B17L1		B17L1	1-02 *		T14S				3-0/8		91
B17L1			1								91
B17P2		B16C1	1-01 *		T14		1				92
B17P2		B17P2	1-02 *		T14S				4-0/8		92
B17P2			1								92
B17S1		B16N2	1-01 *		T14		1				93
B17S1		B17S1	1-02 *		T14S				2-6/8		93
B17S1			1								93

TC11.F		HND288.V16(16)		03/31/72		24-MAY-72		2112		PAGE 10		
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	PAGE RUN NUMBER
B17V2		B16K1		1-01 *		T14		1		3-6/8		94
B17V2		B17V2		1-02 *		T14S						94
B17V2				1								94
B18U2		B18U2		1-01 *		T03S		1		0-2/8		95
B18U2		O13P2		1-02 *		T03						95
B18U2				1								95
B19D2		B19D2		1-01 *		T12S		1				96
B19D2		B19E2		1-02 *		T12		2				96
B19D2		B12P1		1-03 *		T12				9-0/8		96
B19D2				1								96
B20J2		A22V2		1-01 *		T12		1		6-4/8		97
B20J2		B20D2		1-02 *		T12		2				97
B20J2		B20J2		1-03 *		T12S						97
B20J2				1								97
B20K2		B20K2		1-01 *		T12S		2				98
B20K2		B20E2		1-02 *		T12		1		6-2/8		98
B20K2		B22D2		1-03 *		T12						98
B20K2				1								98
B21J2		B21D2		1-01 *		T12		2		5-4/8		99
B21J2		B21J2		1-02 *		T12S		1				99
B21J2		B22H2		1-03 *		T12						99
B21J2				1								99
B21K2		B21E2		1-01 *		T12		2				100
B21K2		B21K2		1-02 *		T12S		1				100
B21K2		B22J2		1-03 *		T12				5-6/8		100
B21K2				1								100
B23J2		B23D2		1-01 *		T12		2				101
B23J2		B23J2		1-02 *		T12S		1		5-6/8		101
B23J2		B22N2		1-03 *		T12						101
B23J2				1								101
B23K2		B23E2		1-01 *		T12		2				102
B23K2		B23K2		1-02 *		T12S		1		5-6/8		102
B23K2		B22P2		1-03 *		T12						102
B23K2				1								102
B24D1		B24D1		1-01 *		T24S		1		4-4/8		103
B24D1		C24B1		1-02 *		T24						103
B24D1				1								103

TC11,F RUN NAME	HND288,V16(16) 03/31/72				Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 11 RUN NUMBER
A/P	PIN NAME	ORDER	PIN	BAY - ORDER											
B24E1	B24E1	1-01 *		1		T24S					1				104
B24E1	C24S1	1-02 *		1		T24							6-0/8		104
B24F1	B24F1	1-01 *		1		T24S					1				105
B24F1	C24L1	1-02 *		1		T24							5-2/8		105
B24H1	B24H1	1-01 *		1		T24S					1				106
B24H1	C24E1	1-02 *		1		T24							4-4/8		106
B24J1	B24J1	1-01 *		1		T24S					1				107
B24J1	C24E2	1-02 *		1		T24							4-4/8		107
B24K1	B24K1	1-01 *		1		T24S					1				108
B24K1	C24P1	1-02 *		1		T24							5-2/8		108
B24L1	B24L1	1-01 *		1		T24S					1				109
B24L1	C24J1	1-02 *		1		T24							4-4/8		109
B24M1	B24M1	1-01 *		1		T24S					1				110
B24M1	C24D1	1-02 *		1		T24							4-0/8		110
B24N1	B24N1	1-01 *		1		T24S					1				111
B24N1	C24D2	1-02 *		1		T24							4-0/8		111
B24P1	B24P1	1-01 *		1		T24S					1				112
B24P1	C24M1	1-02 *		1		T24							4-4/8		112
B24R1	B24R1	1-01 *		1		T24S					1				113
B24R1	C24H1	1-02 *		1		T24							4-0/8		113
B24S1	B24S1	1-01 *		1		T24S					1				114
B24S1	C24H2	1-02 *		1		T24							4-0/8		114
BAOF	A12H2	1-01 *		1		T11					1				115
BAOF	B07P2	1-02 *		1		T21S							7-0/8		115

TC11,F RUN NAME	HND288,V16(16) 03/31/72				Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 12 RUN NUMBER
A/P	PIN NAME	ORDER	PIN	BAY - ORDER											
B000	A05B1	1-01 *		1		T13S					1				116
B000	A06A1	1-02 *		1		T13					2				116
B000	A07N1	1-03 *		1		T21S/T22S					1				116
B000	A15R1	1-04 *		1		T15					2				116
B000	B15E1	1-05 *		1		T16					1				116
B000	C21D2	1-06 *		1		T05							25-4/8		116
B000	A06B1	1-01 *		1		T13S								1-PIN RUN	117
B001	A05D2	1-01 *		1		T13S					2				118
B001	A07H1	1-02 *		1		T21S/T22S					1				118
B001	A12E1	1-03 *		1		T11					2				118
B001	A15D1	1-04 *		1		T14					1				118
B001	A15R1	1-05 *		1		T15							16-2/8		118
B002	A05E1	1-01 *		1		T13S					2				119
B002	A07M1	1-02 *		1		T21S/T22S					1				119
B002	A12R1	1-03 *		1		T11					2				119
B002	A15J1	1-04 *		1		T14					1				119
B002	C17H1	1-05 *		1		T06							20-4/8		119
B003	A05F2	1-01 *		1		T13S					2				120
B003	A07F2	1-02 *		1		T21S/T22S					1				120
B003	A12D1	1-03 *		1		T11					2				120
B003	B15B1	1-04 *		1		T16					1				120
B003	C17D2	1-05 *		1		T06							19-0/8		120
B004	A05H1	1-01 *		1		T13S					2				121
B004	A07T2	1-02 *		1		T21S/T22S					1				121
B004	A12M1	1-03 *		1		T11					2				121
B004	A15M2	1-04 *		1		T15					1				121
B004	C17D1	1-05 *		1		T06							19-4/8		121
B005	A05J2	1-01 *		1		T13S					2				122
B005	A07N2	1-02 *		1		T21S/T22S					1				122
B005	A11C1	1-03 *		1		T10					2				122
B005	A12K1	1-04 *		1		T11					1				122
B005	A15E2	1-05 *		1		T14							14-4/8		122

TC11.F RUN NAME	A/P NAME	HND288.V15(16) PIN ORDER	03/31/72 BAY ORDER	Q DRAW	RV PG	Y X	Z REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 13 RUN NUMBER
B006	H	A05K1	1-01 *	T13S			1			123
B006	H	A06J1	1-02 *	T13S			2			123
B006	H	A07U1	1-03 *	T21S/T22S			1			123
B006	H	A12P1	1-04 *	T11			2			123
B006	H	A13U2	1-05 *	T16			1			123
B006	H	B13M2	1-06 *	T10				18-6/8		123
B006	L	A06K1	1-01 *	T13S			1			124
B006	L	B13L2	1-02 *	T10				7-4/8		124
B007	H	A05L2	1-01 *	T13S			2			125
B007	H	A07M2	1-02 *	T21S/T22S			1			125
B007	H	A13M1	1-03 *	T13				8-2/8		125
B008	H	A12A1	1-01 *	T11			1			126
B008	H	A13E1	1-02 *	T14			2			126
B008	H	A05M1	1-03 *	T13S			1			126
B008	H	B07F1	1-04 *	T21S/T22S			2			126
B008	H	D04D2	1-05 *	T13			1			126
B008	H	D04H1	1-06 *	T04				25-6/8		126
B008	L	D04F2	1-01 *	T13S			1			127
B008	L	D04K2	1-02 *	T04				2-6/8		127
B009	H	A13R2	1-01 *	T16			2			128
B009	H	A12V1	1-02 *	T11			1			128
B009	H	A07V2	1-03 *	T21S/T22S			2			128
B009	H	A05N2	1-04 *	T13S			1			128
B009	H	D04N2	1-05 *	T04						128
B009	H	D04V1	1-06 *	T04				25-2/8		128
B010	H	A12B1	1-01 *	T11			2			129
B010	H	A13J2	1-02 *	T15			1			129
B010	H	A05P1	1-03 *	T13S			2			129
B010	H	B07E2	1-04 *	T21S/T22S			1			129
B010	H	D04R2	1-05 *	T04						129
B010	H	D04V2	1-06 *	T04				27-2/8		129

TC11.F RUN NAME	A/P NAME	HND288.V15(16) PIN ORDER	03/31/72 BAY ORDER	Q DRAW	RV PG	Y X	Z REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 14 RUN NUMBER
B011	H	A13B1	1-01 *	T14			1			130
B011	H	A12P1	1-02 *	T11			2			130
B011	H	A05U1	1-03 *	T13			1			130
B011	H	A07U2	1-04 *	T21S/T22S			2			130
B011	H	A05R2	1-05 *	T13S			1			130
B011	H	D04D1	1-06 *	T04				23-6/8		130
B011	L	A05V1	1-01 *	T13S			1			131
B011	L	D04E1	1-02 *	T04				9-6/8		131
B012	H	A17D1	1-01 *	T16			1			132
B012	H	A12U1	1-02 *	T11			2			132
B012	H	A05S1	1-03 *	T13S			1			132
B012	H	B07L2	1-04 *	T21S/T22S				16-6/8		132
B013	H	B07F2	1-01 *	T21S/T22S			2			133
B013	H	A05T2	1-02 *	T13S			1			133
B013	H	A14M2	1-03 *	T11			2			133
B013	H	B15D1	1-04 *	T15				14-6/8		133
B014	H	A05U1	1-01 *	T13S			2			134
B014	H	B07N1	1-02 *	T21S/T22S			1			134
B014	H	B17D1	1-03 *	T14				12-6/8		134
B015	H	A15N2	1-01 *	T16			2			135
B015	H	A05V2	1-02 *	T13S			1			135
B015	H	A06U2	1-03 *	T13			2			135
B015	H	B07H1	1-04 *	T21S/T22S				14-4/8		135
B015	L	A05V2	1-01 *	T13S			1			136
B015	L	D05U2	1-02 *	T03				10-2/8		136
B0C LO	H	B12P2	1-01 *	T08			1			137
B0C LO	H	A06J2	1-02 *	T06S				7-8/8		137
B0C LO	H	B05E1	1-01 *	T20S			1			138
B0C IN	H	C05U2	1-02 *					6-4/8		138

[illegible]

TC11.F RUN NAME	HND288.V45(16)	03/31/72	BAY -	D	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 18 RUN NUMBER
A/P PIN NAME	ORDER PIN	ORDER												
BUS A17	B01S1	1-01 *	T20S							1		12-0/8		163
BUS A17	B02S1	1-02 *	T20S							1				163
BUS A17	B04D1	1-03 *	T19							1				163
BUS A17	B00N2	1-04 *	T21S											163
BUS AC LO	B01F1	1-01 *	T20S							1				164
BUS AC LO	B02F1	1-02 *	T20S									2-6/8		164
BUS BBSY	A01P2	1-01 *	T20S							2				165
BUS BBSY	A02P2	1-02 *	T20S							1				165
BUS BBSY	B02D1	1-03 *	T19S									7-2/8		165
BUS BGA IN	B01E2	1-01 *	T20S							1				166
BUS BGA IN	C05S2	1-02 *	T20S									7-0/8		166
BUS BGA IN	B02E2	1-01 *	T20S							1				167
BUS BGA OUT	C05T2	1-02 *	T20S									7-0/8		167
BUS BGS IN	B01B1	1-01 *	T20S							1				168
BUS BGS IN	C05P2	1-02 *	T20S									7-2/8		168
BUS BGS OUT	B02B1	1-01 *	T20S							1				169
BUS BGS OUT	C05R2	1-02 *	T20S									7-0/8		169
BUS BGS IN	B01A1	1-01 *	T20S							1				170
BUS BGS IN	C05M2	1-02 *	T20S									7-0/8		170
BUS BGS OUT	B02A1	1-01 *	T20S							1				171
BUS BGS OUT	C05N2	1-02 *	T20									7-0/8		171
BUS BGS IN	A01V1	1-01 *	T20S							1				172
BUS BGS IN	C05K2	1-02 *	T20S									7-4/8		172
BUS BGS OUT	A02V1	1-01 *	T20S											173
BUS BGS OUT	C05L2	1-02 *	T20S							1		7-2/8		173

TC11.F RUN NAME	HND288.V16(16) 03/31/72 A/P PIN NAME ORDER PIN	Q DRAW RV PG Y X Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 19 RUN NUMBER
BUS BR4	L B01D2	T20S	2			174
BUS BR4	L B02D2	T20S	1			174
BUS BR4	L C02H2	T20		8-4/8		174
BUS BR5	L B01C1	T20S	2			175
BUS BR5	L B02C1	T20S	1			175
BUS BR5	L C02F2	T20		8-6/8		175
BUS BR6	L A01U2	T20S	2			176
BUS BR6	L A02U2	T20S	1			176
BUS BR6	L C02E2	T20S		9-4/8		176
BUS BR7	L A01T2	T20S	2			177
BUS BR7	L A02T2	T20S	1			177
BUS BR7	L C02D2	T20		9-4/8		177
BUS BR7	L					177
BUS C0	L B01U2	T20S	2			178
BUS C0	L B02U2	T20S	1			178
BUS C0	L B01J2	T19		6-6/8		178
BUS C1	L B01T2	T20S	2			179
BUS C1	L B02T2	T20S	1			179
BUS C1	L B02F2	T19	2			179
BUS C1	L B02D1	T06S		10-0/8		179
BUS D00	L A01C1	T20S	2			180
BUS D00	L A02C1	T20S	1			180
BUS D00	L A04A1	T13S	2			180
BUS D00	L A05A1	T13		9-0/8		180
BUS D01	L A01D2	T20S	2			181
BUS D01	L A02D2	T20S	1			181
BUS D01	L A04C1	T13S	2			181
BUS D01	L A05C1	T13		8-4/8		181

TC11.F RUN NAME	HND288.V16(16) 03/31/72 A/P PIN NAME ORDER PIN	Q DRAW RV PG Y X Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 20 RUN NUMBER
BUS D02	L A01D1	T20S	2			182
BUS D02	L A02D1	T20S	1			182
BUS D02	L A04D1	T13S	2			182
BUS D02	L A05D1	T13		14-0/8		182
BUS D02	L B02E2	T19S				182
BUS D03	L A01E2	T20S	2			183
BUS D03	L A02E2	T20S	1			183
BUS D03	L A04E2	T13S	2			183
BUS D03	L A05E2	T13		14-4/8		183
BUS D03	L B02L1	T19S				183
BUS D04	L A01E1	T20S	2			184
BUS D04	L A02E1	T20S	1			184
BUS D04	L A04F1	T13S	2			184
BUS D04	L A05F1	T13		15-0/8		184
BUS D04	L B02N2	T19S				184
BUS D05	L A01F2	T20S	2			185
BUS D05	L A02F2	T20S	1			185
BUS D05	L A04H2	T13S	2			185
BUS D05	L A05H2	T13		13-6/8		185
BUS D05	L B02F1	T19S				185
BUS D06	L A01F1	T20S	2			186
BUS D06	L A02F1	T20S	1			186
BUS D06	L A04J1	T13S	2			186
BUS D06	L A05J1	T13		14-0/8		186
BUS D06	L B02F2	T19S				186
BUS D07	L A01H2	T20S	2			187
BUS D07	L A02H2	T20S	1			187
BUS D07	L A04K2	T13S	2			187
BUS D07	L A05K2	T13		14-0/8		187
BUS D07	L B02H1	T19S				187

[illegible][illegible]

TC11.F RUN NAME	A/P	HN288-V16(16) 03/31/72	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72	2112 EXCEPTIONS	PAGE 23 RUN NUMBER
		PIN ORDER NAME ORDER									LENGTH		
BUS PB	L	A01N2		T20S					1				204
BUS PB	L	A02N2		T20S									204
BUS PB											2-6/8		204
BUS REQUEST	L	B05P1							1				205
BUS REQUEST	L	C05J2		T20									205
BUS REQUEST											4-4/8		205
BUS SACK	L	A01R2		T20S					2				206
BUS SACK	L	A02R2		T20S					1				206
BUS SACK	L	B05T2		T198									206
BUS SACK											8-6/8		206
BUS SSYN	L	A06D1		T08					2				207
BUS SSYN	L	B08K1		T08S					1				207
BUS SSYN	L	B02U1		T20S					2				207
BUS SSYN	L	B01U1		T20S									207
BUS SSYN											14-4/8		207
BUS TO DAT	H	B17C1		T14					1				208
BUS TO DAT	H	B15C1		T15					2				208
BUS TO DAT	H	A15M2		T16					2				208
BUS TO DAT	H	A17C1		T16									208
BUS TO DAT	H	A1502		T14					1				208
BUS TO DAT	H	A15A1		T14					2				208
BUS TO DAT	H	A15D1		T14					2				208
BUS TO DAT	H	A15H2		T15					2				208
BUS TO DAT	H	A15H1		T14					2				208
BUS TO DAT	H	A15L1		T15					2				208
BUS TO DAT	H	A15L2		T15					2				208
BUS TO DAT	H	A15P1		T15					2				208
BUS TO DAT	H	A15P2		T16					2				208
BUS TO DAT	H	A15T2		T16					2				208
BUS TO DAT	H	B15A1		T16					2				208
BUS TO DAT	H	B15D1		T16					2				208
BUS TO DAT	H	C10S1		T09S							53-0/8		208
BUS TO DAT													
BUS TO MAINT	H	A11B1		T10					1				209
BUS TO MAINT	H	B12K1		T09S					2				209
BUS TO MAINT	H	B12M2		T10					1				209
BUS TO MAINT	H	B15J2		T10									209
BUS TO MAINT											12-2/8		209

T011,F	A/P	HND380,V16(16), 03/31/72	G	DRAW	R	V	P	G	Y	X	Z	REMARKS	24-MAY-72	2112	PAGE 24
RUN NAME	PIN - ORDER PIN	BAY - ORDER											LENGTH	EXCEPTIONS	RUN NUMBER
BUS TO RMB	H	B12N1		T09S							2				210
BUS TO RMB	H	C17E1		T06							1				210
BUS TO RMB	H	C17J1		T06							2				210
BUS TO RMB	H	C17E2		T06									11-0/8		210
BUS TO TCBA	L	B07R1		T21							2				211
BUS TO TCBA	L	B07V2		T21							1				211
BUS TO TCBA	L	C08H2		T09S									7-2/8		211
BUS TO TCCM	H	A12K2		T11							2				212
BUS TO TCCM	H	A12S1		T11							1				212
BUS TO TCCM	H	C11E1		T09S									9-6/8		212
BUS TO TCCM+1	H	A12F2		T11							2				213
BUS TO TCCM+1	H	A11L2		T11							1				213
BUS TO TCCM+1	H	A11N1		T11							2				213
BUS TO TCCM+1	H	C11F2		T09S							1				213
BUS TO TCCM+1	H	D06T2		T03									20-2/8		213
BUS TO TCCM+1	H	A07E2		T22							1				214
BUS TO TCWC	L	B07S1		T22							2				214
BUS TO TCWC	L	C08H2		T09S									10-6/8		214
BUS TO XDAT	H	A12C1		T14							2				215
BUS TO XDAT	H	A12P1		T15							1				215
BUS TO XDAT	H	B12K2		T09S									8-6/8		215
C0(0)	H	C12B1		T06							1				216
C0(0)	H	C12H1		T06							2				216
C0(0)	H	C12N1		T06							1				216
C0(0)	H	D12H2		T03							2				216
C0(0)	H	D12V2		T028							1				216
C0(0)	H	D22K2		T04											216
C0(0)	H	D22A1		T05									25-2/8		216

TC11.F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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TC11.F										24-MAY-72		21112		PAGE 26			
RUN NAME		HND288.V16(16)		03/31/72		A/P PIN ORDER		Q DRAW RV PG Y X Z		REMARKS		LENGTH		EXCEPTIONS		NUMBER	
C07K2	C00N1			1-01 *		T08			1							227	
C07K2	C07K2			1-02 *		T08S						3-2/8				227	
C07K2				1												227	
C07N1	B12L2			1-01 *		T19			1							228	
C07N1	C07N1			1-02 *		T19S						6-2/8				228	
C07N1				1												228	
C07N2	C07N2			1-01 *		T02S			1							229	
C07N2	D19F2			1-02 *		T02						9-2/8				229	
C07N2				1												229	
C07S2	C07E2			1-01 *		T09			1							230	
C07S2	C07S2			1-02 *		T09S						3-4/8				230	
C07S2				1												230	
C07V2	C07V2			1-01 *		T09S			1							231	
C07V2	D17U2			1-02 *		T09						8-2/8				231	
C07V2				1												231	
C08D1	C08D1			1-01 *		T09S			1							232	
C08D1	C11E2			1-02 *		T09						4-0/8				232	
C08D1				1												232	
C08J1	C08J1			1-01 *		T09S			1							233	
C08J1	C11D1			1-02 *		T09						4-0/8				233	
C08J1				1												233	
C08N1	B12H2			1-01 *		T09			2							234	
C08N1	B12J1			1-02 *		T09			1							234	
C08N1	B12L1			1-03 *		T09										234	
C08N1	C08N1			1-04 *		T09S						11-0/8				234	
C08N1				1												234	
C08S2	C08V1			1-01 *		T09			1							235	
C08S2	C08S2			1-02 *		T09S						3-6/8				235	
C08S2				1												235	
C08U1	C08U1			1-01 *		T08S			1							236	
C08U1	C10N2			1-02 *		T08						4-0/8				236	
C08U1				1												236	
C08V1	C10N1			1-01 *		T09			1							237	
C08V1	C10M1			1-02 *		T09										237	
C08V1	C08V1			1-03 *		T09S			2			6-0/8				237	
C08V1				1												237	

TC11,F RUN NAME	A/P	HND288.V16(16) 03/31/72			Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 27 RUN NUMBER
PIN NAME	PIN	ORDER	BAY	ORDER											
C09D1	C09D1	D17H1	1-01 *	1	T098						1				238
C09D1	C09D1		1-02 *	1	T09								7-4/8		238
C09H2	C09H2		1-01 *	1	T028						1				239
C09H2	C09H2		1-02 *	1	T02								8-8/8		239
C09H2	C09H2		1-01 *	1	T028						1				239
C09H2	C09H2		1-02 *	1	T02								7-6/8		240
C09N1	C09N1		1-01 *	1	T02						1				240
C09N1	C09N1		1-02 *	1	T028								3-2/8		241
C09S2	C09S2		1-01 *	1	T02						1				241
C09S2	C09S2		1-02 *	1	T028								4-2/8		242
C09S2	C09S2		1-01 *	1	T02						1				242
C09S2	C09S2		1-02 *	1	T028										242
C09U1	C09U1		1-01 *	1	T028						1				243
C09U1	C09U1		1-02 *	1	T02								8-4/8		243
C09V1	C09V1		1-01 *	1	T02						1				244
C09V1	C09V1		1-02 *	1	T028								3-8/8		244
C110)	C110)		1-01 *	1	T028						2				245
C110)	C110)		1-02 *	1	T07						1				245
C110)	C110)		1-03 *	1	T04								9-4/8		245
C111)	C111)		1-01 *	1	T02						2				246
C111)	C111)		1-02 *	1	T05						1				246
C111)	C111)		1-03 *	1	T02										246
C111)	C111)		1-04 *	1	T02						1				246
C111)	C111)		1-05 *	1	T02						1				246
C111)	C111)		1-06 *	1	T02						1				246
C111)	C111)		1-07 *	1	T028						1				246
C111)	C111)		1-08 *	1	T05						1				246
C111)	C111)		1-09 *	1	T07						1				246
C111)	C111)		1-10 *	1	T05						1				246
C111)	C111)		1-11 *	1	T04						1				246
C111)	C111)		1-12 *	1	T06						1		48-4/8		246

TC11,F RUN NAME	A/P	HND288.V16(16) 03/31/72			Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 28 RUN NUMBER
PIN NAME	PIN	ORDER	BAY	ORDER											
C11B1	C11B1		1-01 *	1	T078						1				247
C11B1	C11B1		1-02 *	1	T07						2				247
C11B1	C11B1		1-03 *	1	T07								10-6/8		247
C11S1	C11S1		1-01 *	1	T058						1				248
C11S1	C11S1		1-02 *	1	T05								9-4/8		248
C13J2	C13J2		1-01 *	1	T068						1				249
C13J2	C13J2		1-02 *	1	T06								3-8/8		249
C13P2	C13P2		1-01 *	1	T068						1				250
C13P2	C13P2		1-02 *	1	T06								3-4/8		250
C13V2	C13V2		1-01 *	1	T068						1				251
C13V2	C13V2		1-02 *	1	T06								3-6/8		251
C16E1	C16E1		1-01 *	1	T06						1				252
C16E1	C16E1		1-02 *	1	T068								3-4/8		252
C16J2	C16J2		1-01 *	1	T05						1				253
C16J2	C16J2		1-02 *	1	T058								5-2/8		253
C16L1	C16L1		1-01 *	1	T06						1				254
C16L1	C16L1		1-02 *	1	T068								3-6/8		254
C16P2	C16P2		1-01 *	1	T05						1				255
C16P2	C16P2		1-02 *	1	T058								5-8/8		255
C16S1	C16S1		1-01 *	1	T06						1				256
C16S1	C16S1		1-02 *	1	T068								3-8/8		256
C16V2	C16V2		1-01 *	1	T078						1				257
C16V2	C16V2		1-02 *	1	T07								3-4/8		257

[illegible]

TC11.F RUN NAME	A/P NAME	HND289,V16(16) 03/31/72 PIN ORDER	BAY ORDER	G DRAW	RV Pg	Y Y	X X	Z Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 30 RUN NUMBER
C19M2	C19M2	C19M2	1-01 *	T07S				1		7-2/8		278
C19M2	C19M2	C19M2	1-02 *	T07								270
C19M2	C19M2	C19M2	1-02 *	T05S				1		4-2/8		271
C19M2	C19M2	C19M2	1-02 *	T05								271
C19U1	C19U1	C19U1	1-01 *	T05				1				272
C19U1	C19U1	C19U1	1-02 *	T05S						3-2/8		272
C210)	C2281	C2281	1-01 *	T02				2				273
C210)	C22H1	C22H1	1-02 *	T02S				1				273
C210)	C217F2	C217F2	1-03 *	T07				2				273
C210)	C216V1	C216V1	1-04 *	T02				1				273
C210)	C215L2	C215L2	1-05 *	T03						17-2/8		273
C211)	C23J1	C23J1	1-01 *	T02				1				274
C211)	C22H2	C22H2	1-02 *	T02				2				274
C211)	C22P2	C22P2	1-03 *	T02S				1				274
C211)	C21E2	C21E2	1-04 *	T02				2				274
C211)	C20U2	C20U2	1-05 *	T05				1				274
C211)	C217U2	C217U2	1-06 *	T07				2				274
C211)	C217F2	C217F2	1-07 *	T05				1				274
C211)	C219B1	C219B1	1-08 *	T05				2				274
C211)	C210C1	C210C1	1-09 *	T07								274
C20J2	C20J2	C20J2	1-01 *	T02S				1		31-6/8		275
C20J2	C20J2	C20J2	1-02 *	T02						5-6/8		275
C20L1	C20L1	C20L1	1-01 *	T02				1				276
C20L1	C20L1	C20L1	1-02 *	T02S						9-2/8		276
C20P2	C21R1	C21R1	1-01 *	T05				1				277
C20P2	C20P2	C20P2	1-02 *	T05S						7-8/8		277
C20S1	C20S1	C20S1	1-01 *	T02S				1				278
C20S1	C20S1	C20S1	1-02 *	T02						3-6/8		278

TO11.F RUN NAME	A/P	HND200.V16(16) 03/31/72	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 31 RUN NUMBER
NAME	PIN	ORDER	NAME	PIN	ORDER	NAME	PIN	ORDER	NAME	PIN	ORDER	NAME	PIN
C20V2			C19K1		1-01 *	T05			1				279
C20V2			C20V2		1-02 *	T05S							279
C20V2					1						3-6/8		279
C21D1			C10K2		1-01 *	T08			1				280
C21D1			C10L2		1-02 *	T08			2				280
C21D1			C21D1		1-03 *	T08S							280
C21D1					1						10-4/8		280
C21J1			C10M2		1-01 *	T08			1				281
C21J1			C21J1		1-02 *	T08S							281
C21J1					1						8-0/8		281
C21N1			C20R1		1-01 *	T02			1				282
C21N1			C21N1		1-02 *	T02S							282
C21N1					1						3-0/8		282
C21V1			A14P2		1-01 *	T03			1				283
C21V1			C21V1		1-02 *	T03S							283
C21V1					1						10-4/8		283
C23E1			C17J2		1-01 *	T04			1				284
C23E1			C23E1		1-02 *	T04S							284
C23E1					1						5-2/8		284
C23J2			C23J2		1-01 *	T02S			1				285
C23J2			D22H2		1-02 *	T02							285
C23J2					1						5-2/8		285
C23L1			C07M2		1-01 *	T02			1				286
C23L1			C23L1		1-02 *	T02S							286
C23L1					1						10-2/8		286
C23S1			C23E2		1-01 *	T02			1				287
C23S1			C23S1		1-02 *	T02S							287
C23S1					1						3-6/8		287
C28	H		C20E2		1-01 *	T02			2				288
C28	H		C21M1		1-02 *	T02			1				288
C28	H		D10R2		1-03 *	T07			2				288
C28	H		D10U1		1-04 *	T02S							288
C28					1						13-2/8		288
C2(0)	H		C22A1		1-01 *	T02S			1				289
C2(0)	H		C22L2		1-02 *	T02							289
C2(0)					1						3-6/8		289

TC11,F	NO288.V15(16) 03/31/72	24-MAY-72	2112	PAGE 32
RUN NAME	A/P P/N ORDER P/N	LENGTH	EXCEPTIONS	RUN NUMBER
C3(1)	H C22J2	1-01 *	2	290
C3(1)	H C19F1	1-02 *	1	290
C3(1)	H C19S1	1-03 *	2	290
C3(1)	H D17E2	1-04 *	1	290
C3(1)	H D15E2	1-05 *	2	290
C3(1)	H D19P1	1-06 *	1	290
C3(1)	H C09L2	1-07 *	1	290
C3(1)		1		290
		25-4/8		
CLEAR BUS	H B06P2	1-01 *	2	291
CLEAR BUS	H C07H2	1-02 *	1	291
CLEAR BUS	H C21A1	1-03 *	1	291
CLEAR BUS		1		291
CLEAR BUS	H B06N2	1-01 *	1	292
CLEAR BUS	H B11J1	1-02 *		292
CLEAR BUS		1		292
		13-6/8		
CLEAR DAT	H A16D1	1-01 *	2	293
CLEAR DAT	H A16D1	1-02 *	1	293
CLEAR DAT	H A16H2	1-03 *	1	293
CLEAR DAT	H A16L1	1-04 *	1	293
CLEAR DAT	H A16P2	1-05 *	1	293
CLEAR DAT	H A16T2	1-06 *	1	293
CLEAR DAT	H B16D1	1-07 *	1	293
CLEAR DAT	H B16H2	1-08 *	1	293
CLEAR DAT	H B16L1	1-09 *	1	293
CLEAR DAT	H B16P2	1-10 *	1	293
CLEAR DAT	H B16T2	1-11 *	1	293
CLEAR DAT	H B16T2	1-12 *	1	293
CLEAR DAT	H B16T2	1-13 *	1	293
CLEAR DAT	H B16H2	1-14 *	1	293
CLEAR DAT	H B16D1	1-15 *	1	293
CLEAR DAT	H B16L1	1-16 *	1	293
CLEAR DAT	H C11H1	1-17 *	1	293
		1		293
		49-0/8		
CLEAR RM22-0	H C09J1	1-01 *	1	294
CLEAR RM22-0	H C14K2	1-02 *		294
CLEAR RM22-0		1		294
		5-0/8		
CLEAR XDAT	H A16P2	1-01 *	1	295
CLEAR XDAT	H A16T2	1-02 *	2	295
CLEAR XDAT	H C06B1	1-03 *		295
CLEAR XDAT		1		295
		10-6/8		

TC11.F		HND288.V15(16) 03/31/72		0		X		Z		REMARKS		24-MAY-72		21112		PAGE 33	
RUN NAME	A/P	PIN NAME	ORDER	BAY	Q	RV	PG	Y	X	Z		LENGTH	EXCEPTIONS	RUN	NUMBER		
CLK(0)	H	A14N1	1-01 *							1		15-6/8		296			
CLK(0)	H	A14K1	1-02 *							1				296			
CLK(0)	H	A14T2	1-03 *							1				296			
CLK(0)	H	D08A1	1-04 *											296			
CLK(1)	H	A14M1	1-01 *							1		5-4/8		297			
CLK(1)	H	B09D1	1-02 *											297			
CLOCK DAT	H	B16R1	1-01 *							2				298			
CLOCK DAT	H	B16M2	1-02 *							2				298			
CLOCK DAT	H	B16J1	1-03 *							2				298			
CLOCK DAT	H	B16E2	1-04 *							2				298			
CLOCK DAT	H	B16B1	1-05 *							2				298			
CLOCK DAT	H	A16R1	1-06 *							2				298			
CLOCK DAT	H	A16M2	1-07 *							2				298			
CLOCK DAT	H	A16J1	1-08 *							2				298			
CLOCK DAT	H	A16E2	1-09 *							2				298			
CLOCK DAT	H	A16B1	1-10 *							2				298			
CLOCK DAT	H	A14R1	1-11 *							2				298			
CLOCK DAT	H	A14M2	1-12 *							2				298			
CLOCK DAT	H	A14J1	1-13 *							2				298			
CLOCK DAT	H	B14R1	1-14 *							2				298			
CLOCK DAT	H	B14E2	1-15 *							2				298			
CLOCK DAT	H	B14J1	1-16 *							2				298			
CLOCK DAT	H	B14M2	1-17 *							2				298			
CLOCK DAT	H	B14R1	1-18 *							2				298			
CLOCK DAT	H	B14E2	1-19 *							2				298			
CLOCK DAT	H	B14J1	1-20 *							2				298			
CLPB	H	C19B1	1-01 *							2		19-4/8		299			
CLPB	H	C19D2	1-02 *							2				299			
CLPB	H	C19H1	1-03 *							2				299			
CLPB	H	C19N1	1-04 *							2				299			
CLPB	H	C19S2	1-05 *							2				299			
CLPB	H	C19L2	1-06 *							2				299			
CLPB	H	C19L1	1-07 *							2				299			
CON ALL HALT	H	A19T2	1-01 *							1		3-4/8		300			
CON ALL HALT	H	A20J1	1-02 *							1				300			
CON FWD REM	H	A19U1	1-01 *							1		3-6/8		301			
CON FWD REM	H	A20M1	1-02 *							1				301			

TC11.F		HND288.V15(16) 03/31/72		0		X		Z		REMARKS		24-MAY-72		21112		PAGE 34	
RUN NAME	A/P	PIN NAME	ORDER	BAY	Q	RV	PG	Y	X	Z		LENGTH	EXCEPTIONS	RUN	NUMBER		
CON GO	H	A19S1	1-01 *							1		4-0/8		302			
CON GO	H	A20D1	1-02 *							1				302			
CON POWER UP DLY	L	A19V2	1-01 *							1		3-4/8		303			
CON POWER UP DLY	L	A20L1	1-02 *							1				303			
CON REV REM	H	A19R2	1-01 *							1		3-4/8		304			
CON REV REM	H	A20E1	1-02 *							1				304			
CON STOP	H	A19P1	1-01 *							1		4-0/8		305			
CON STOP	H	A20B1	1-02 *							1				305			
D04A1		A08F2	1-01 *							1		17-0/8		306			
D04A1		B11N2	1-02 *							2				306			
D04A1		D04B1	1-03 *							1				306			
D04A1		D04A1	1-04 *							1				306			
D04K1		D04P2	1-01 *							1		5-2/8		307			
D04K1		D04P1	1-02 *							1				307			
D04K1		D04K1	1-03 *							1				307			
D04T2		D04S1	1-01 *							2				308			
D04T2		D04S2	1-02 *							1				308			
D04T2		D04T2	1-03 *							1		5-0/8		308			
D05A1		D05A1	1-01 *							1		2-4/8		309			
D05A1		D05C1	1-02 *							1				309			
D05D1		D05D1	1-01 *							1		2-4/8		310			
D05D1		D05D2	1-02 *							1				310			
D05F2		C23A1	1-01 *							1		12-4/8		311			
D05F2		D05F2	1-02 *							1				311			
D05M2		D05M2	1-01 *							1		2-6/8		312			
D05M2		D05R2	1-02 *							1				312			

TC11.F		HND285.V15(16) 03/31/72				24-MAY-72		2112		PAGE 35	
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER	Q	DRAM RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS
D05P1		D05P1		1-01 *		T048		1			
D05P1		D05V1		1-02 *		T04					
D05P1				1						3-0/8	
D06C1		D06C1		1-01 *		T03S		1			
D06C1		D11N2		1-02 *		T03					
D06C1				1						7-2/8	
D06F1		D06F1		1-01 *		T03S		1			
D06F1		D11P2		1-02 *		T03					
D06F1				1						6-6/8	
D06F2		D06F2		1-01 *		T03S		1			
D06F2		D11R2		1-02 *		T03					
D06F2				1						6-6/8	
D06K2		D06K2		1-01 *		T03S		1			
D06K2		D06L1		1-02 *		T03					
D06K2				1						2-4/8	
D06N1		D16A1		1-01 *		T03		2			
D06N1		D16P1		1-02 *		T03		1			
D06N1		D06N1		1-03 *		T03S					
D06N1				1						10-4/8	
D06S2		D06S2		1-01 *		T03S		1			
D06S2		D07D2		1-02 *		T03					
D06S2				1						4-0/8	
D06V2		D06V2		1-01 *		T03S		1			
D06V2		D06V2		1-02 *		T03					
D06V2				1						3-4/8	
D07K1		C20D2		1-01 *		T02		1			
D07K1		D07K1		1-02 *		T02S					
D07K1				1						10-6/8	
D08C1		D08C1		1-01 *		T04S		1			
D08C1		D08D2		1-02 *		T04		2			
D08C1		D08P2		1-03 *		T04					
D08C1				1						6-4/8	
D08F1		D08F2		1-01 *		T04		1			
D08F1		D08F1		1-02 *		T04S		2			
D08F1		D08M2		1-03 *		T04		1			
D08F1		D08N2		1-04 *		T04					
D08F1				1						8-2/8	

TC11.F		HND285.V15(16) 03/31/72				24-MAY-72		2112		PAGE 36	
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER	Q	DRAM RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS
D08F2		D08K2		1-01 *		T04		2			
D08F2		D08J2		1-02 *		T04		1			
D08F2		D08H2		1-03 *		T04		2			
D08F2		D08F2		1-04 *		T04S					
D08F2				1						7-6/8	
D08N2		D08N2		1-01 *		T04S		1			
D08N2		D08R1		1-02 *		T04					
D08N2				1						2-6/8	
D08S1		D08S1		1-01 *		T04S		1			
D08S1		D12K2		1-02 *		T04					
D08S1				1						5-0/8	
D08V2		D08V2		1-01 *		T03S		1			
D08V2		D12H2		1-02 *		T03					
D08V2				1						5-2/8	
D09F2		D09F2		1-01 *		T04S		1			
D09F2		D13B1		1-02 *		T04					
D09F2				1						4-2/8	
D09L2		D09L2		1-01 *		T04S		1			
D09L2		D13D1		1-02 *		T04					
D09L2				1						4-4/8	
D10T2		B12E1		1-01 *		T10		1			
D10T2		D10T2		1-02 *		T10S					
D10T2				1						9-2/8	
D10V2		D10R2		1-01 *		T10		1			
D10V2		D10V2		1-02 *		T10S					
D10V2				1						2-6/8	
D11B1		D11B1		1-01 *		T04S		1			
D11B1		D11D2		1-02 *		T04					
D11B1				1						2-6/8	
D11C1		D11A1		1-01 *		T04		1			
D11C1		D11C1		1-02 *		T04S					
D11C1				1						2-4/8	
D11E2		D11E2		1-01 *		T04S		1			
D11E2		D11K1		1-02 *		T04					
D11E2				1						6-2/8	

TC11.F		HND288.V16(16) 03/31/72		24-MAY-72		2112		PAGE 37	
RUN NAME		A/P NAME	ORDER PIN	BAY ORDER	Q DRAW RV PG Y	X	Z	REMARKS	LENGTH EXCEPTIONS
D11H2		B13T2		1-01 *	T04		1		
D11H2		D11H2		1-02 *	T04S				7-0/8
D11H2				1					
D11M2		D11M2		1-01 *	T04S		1		
D11M2		D11P2		1-08 *	T04				2-4/8
D11M2				1					
D11P1		D11P1		1-01 *	T04S		1		
D11P1		D11V1		1-08 *	T04				3-0/8
D11P1				1					
D12V2		D21T2		1-01 *	T03		1		
D12V2		D12V2		1-02 *	T03S				8-0/8
D12V2				1					
D13N1		D13N1							1-PIN RUN
D13N2		D13N2		1-01 *	T03S		1		
D13N2		D13M1		1-02 *	T03				4-0/8
D13N2				1					
D13S1		A13E2		1-01 *	T03		1		
D13S1		D13S1		1-02 *	T03S				12-0/8
D13S1				1					
D14D1		C10F1		1-01 *	T07		1		
D14D1		C10J1		1-02 *	T07		2		
D14D1		D14D1		1-03 *	T07S				8-0/8
D14D1				1					
D14M2		D14M2		1-01 *	T03S		1		
D14M2		D20L2		1-02 *	T03				5-6/8
D14M2				1					
D14J1		C10K1		1-01 *	T07		1		
D14J1		C10K1		1-02 *	T07		2		
D14J1		D19J1		1-03 *	T07S				0-4/8
D14J1				1					
D14M2		D14M2		1-01 *	T07S		1		
D14M2		C19J2		1-02 *	T07				6-4/8
D14M2				1					
D14U1		D07T2		1-01 *	T03		1		
D14U1		D14U1		1-02 *	T03S				5-4/8
D14U1				1					

TC11.F		HND288.V16(16) 03/31/72		24-MAY-72		2112		PAGE 38	
RUN NAME		A/P NAME	ORDER PIN	BAY ORDER	Q DRAW RV PG Y	X	Z	REMARKS	LENGTH EXCEPTIONS
D14V1		B11M2		1-01 *	T04		1		
D14V1		D14V1		1-02 *	T04S				9-0/8
D14V1				1					
D15J2		C11N1		1-01 *	T05		1		
D15J2		D15J2		1-02 *	T03S				5-4/8
D15J2				1					
D16J2		C16P2		1-01 *	T07		1		
D16J2		D16J2		1-02 *	T07S				4-6/8
D16J2				1					
D16R2		D16R2		1-01 *	T02S		1		
D16R2		D19R1		1-02 *	T02				3-4/8
D16R2				1					
D17E1		D12U2		1-01 *	T03		1		
D17E1		D17E1		1-02 *	T03S				5-2/8
D17E1				1					
D17J2		D16H2		1-01 *	T07		1		
D17J2		D17J2		1-02 *	T07S				3-0/8
D17J2				1					
D17L1		C11F1		1-01 *	T09		1		
D17L1		D17L1		1-02 *	T09S				6-6/8
D17L1				1					
D17P2		D12M2		1-01 *	T04		1		
D17P2		D17P2		1-02 *	T04S				5-0/8
D17P2				1					
D17S1		D07J1		1-01 *	T03		1		
D17S1		D17S1		1-02 *	T03S				7-4/8
D17S1				1					
D17V2		C06A1		1-01 *	T09		1		
D17V2		D17V2		1-02 *	T09S				10-2/8
D17V2				1					
D20F2		C19E2		1-01 *	T05		1		
D20F2		D20F2		1-02 *	T05S				5-4/8
D20F2				1					
D20N1		D20M2		1-01 *	T03		1		
D20N1		D20N1		1-02 *	T03S				2-4/8
D20N1				1					

TC11.F RUN NAME	HND288.V15(16) 03/31/72				Q	24-MAY-72	21112	PAGE 39
A/P	PIN	ORDER	BAY	PIN	0	LENGTH	EXCEPTIONS	RUN
NAME	NAME	NAME	NAME	NAME	0	REMARKS		NUMBER
D20N2	B11C1	1-01 *	1-01 *	T03	1			359
D20N2	D20N2	1-02 *	1-02 *	T03S				359
D20N2		1	1			10-6/8		359
D21F1	D07B1	1-01 *	1-01 *	T02	1			360
D21F1	D21F1	1-02 *	1-02 *	T02S				360
D21F1		1	1			9-4/8		360
D21F2	C20M1	1-01 *	1-01 *	T02	1			361
D21F2	D21F2	1-02 *	1-02 *	T02S				361
D21F2		1	1			4-6/8		361
D21J1	D21J1	1-01 *	1-01 *	T02	1			362
D21J1	D21K2	1-02 *	1-02 *	T02S				362
D21J1		1	1			2-4/8		362
D21K1	D21H2	1-01 *	1-01 *	T02	1			363
D21K1	D21K1	1-02 *	1-02 *	T02S	2			363
D21K1	D19S1	1-03 *	1-03 *	T02				363
D21K1		1	1			6-4/8		363
D21S2	C09P2	1-01 *	1-01 *	T02	1			364
D21S2	D21S2	1-02 *	1-02 *	T02S				364
D21S2		1	1			9-4/8		364
D21V2	C09U2	1-01 *	1-01 *	T02	1			365
D21V2	D21V2	1-02 *	1-02 *	T02S				365
D21V2		1	1			9-6/8		365
D22F1	D19B1	1-01 *	1-01 *	T02	1			366
D22F1	D22F1	1-02 *	1-02 *	T02S				366
D22F1		1	1			4-0/8		366
D22F2	D22F2	1-01 *	1-01 *	T07S	1			367
D22F2	D22L2	1-02 *	1-02 *	T07				367
D22F2		1	1			2-6/8		367
D22K1	D19E2	1-01 *	1-01 *	T02	1			368
D22K1	D22K1	1-02 *	1-02 *	T02S				368
D22K1		1	1			3-6/8		368
D22K2	D19D2	1-01 *	1-01 *	T02	1			369
D22K2	D22K2	1-02 *	1-02 *	T02S				369
D22K2		1	1			4-0/8		369

TC11.F RUN NAME	HND288.V15(16) 03/31/72				Q	24-MAY-72	21112	PAGE 40
A/P	PIN	ORDER	BAY	PIN	0	LENGTH	EXCEPTIONS	RUN
NAME	NAME	NAME	NAME	NAME	0	REMARKS		NUMBER
D22N1	D19M2	1-01 *	1-01 *	T02	1			370
D22N1	D22N1	1-02 *	1-02 *	T02S				370
D22N1		1	1			3-6/8		370
D22N2	D22N2	1-01 *	1-01 *	T07S	1			371
D22N2	D22P1	1-02 *	1-02 *	T07				371
D22N2		1	1			2-6/8		371
D22S1	C17L1	1-01 *	1-01 *	T07	2			372
D22S1	D22M2	1-02 *	1-02 *	T07				372
D22S1	D22S1	1-03 *	1-03 *	T07S				372
D22S1		1	1			9-2/8		372
D22S2	D22S2	1-01 *	1-01 *		1			373
D22S2	B12U2	1-02 *	1-02 *					373
D22S2		1	1			9-4/8		373
D23D2	C22D2	1-01 *	1-01 *	T02	2			374
D23D2	C22N1	1-02 *	1-02 *	T02	1			374
D23D2	C22V2	1-03 *	1-03 *	T02				374
D23D2	D23D2	1-04 *	1-04 *	T02S				374
D23D2		1	1			10-2/8		374
D23F2	C20J1	1-01 *	1-01 *	T02	1			375
D23F2	D23F2	1-02 *	1-02 *	T02S				375
D23F2		1	1			5-4/8		375
D23J2	D13R1	1-01 *	1-01 *	T04	1			376
D23J2	D23J2	1-02 *	1-02 *	T04S				376
D23J2		1	1			8-4/8		376
D23L2	D07E1	1-01 *	1-01 *	T03	1			377
D23L2	D23L2	1-02 *	1-02 *	T03S				377
D23L2		1	1			11-0/8		377
D23R2	C07L1	1-01 *	1-01 *	T19	1			378
D23R2	D23R2	1-02 *	1-02 *	T19S				378
D23R2		1	1			12-0/8		378
DAT EN	C13B2	1-01 *	1-01 *	T06	2			379
DAT EN	C13L2	1-02 *	1-02 *	T06	2			379
DAT EN	C13E2	1-03 *	1-03 *	T06	2			379
DAT EN	C10B1	1-04 *	1-04 *	T06	1			379
DAT EN	C10M1	1-05 *	1-05 *	T06				379
DAT EN	C10N1	1-06 *	1-06 *	T06				379
DAT EN	D10M1	1-07 *	1-07 *	T05				379
DAT EN		1	1			21-0/8		379

TC11.F RUN NAME	A/P	PIN NAME	HND280 V16(16) 03/31/72 ORDER PIN ORDER	BAY - PIN	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 43 RUN NUMBER
DAT06(1)	H	A17K1	1-01 *	T16	1	1									396
DAT06(1)	H	A16V2	1-02 *	T169	1	1									396
DAT06(1)	H	B05E1	1-03 *	T16	1	1									396
DAT06(1)													10-2/8		396
DAT07(0)	H	B14U2	1-01 *	T156	1	1									397
DAT07(0)	H	B15N1	1-02 *	T15	1	1									397
DAT07(0)													3-2/8		397
DAT07(1)	H	B14V2	1-01 *	T159	1	2									398
DAT07(1)	H	B15K1	1-02 *	T15	1	1									398
DAT07(1)	H	B08B1	1-03 *	T16	1	1									398
DAT07(1)													9-0/8		398
DAT08(0)	H	B16U2	1-01 *	T148	1	1									399
DAT08(0)	H	B17N1	1-02 *	T14	1	1									399
DAT08(0)													3-2/8		399
DAT08(1)	H	A09R1	1-01 *	T17	1	2									400
DAT08(1)	H	B17K1	1-02 *	T14	1	1									400
DAT08(1)	H	B16V2	1-03 *	T149	1	1									400
DAT08(1)													10-6/8		400
DAT09(0)	H	A16R2	1-01 *	T169	1	1									401
DAT09(0)	H	A17E2	1-02 *	T16	1	1									401
DAT09(0)													3-6/8		401
DAT09(1)	H	A16S2	1-01 *	T169	1	2									402
DAT09(1)	H	A17U2	1-02 *	T16	1	1									402
DAT09(1)	H	A09M2	1-03 *	T17	1	1									402
DAT09(1)													8-6/8		402
DAT10(0)	H	B14R2	1-01 *	T159	1	1									403
DAT10(0)	H	B17E2	1-02 *	T15	1	1									403
DAT10(0)													3-6/8		403
DAT10(1)	H	A09M1	1-01 *	T17	1	2									404
DAT10(1)	H	A15H2	1-02 *	T15	1	1									404
DAT10(1)	H	B14S2	1-03 *	T159	1	1									404
DAT10(1)													12-0/8		404
DAT11(0)	H	B16R2	1-01 *	T149	1	1									405
DAT11(0)	H	B17E2	1-02 *	T14	1	1									405
DAT11(0)													3-6/8		405

IC11 F RUN NAME	A/P	PIN NAME	HPD288, V16(16), 03/31/72	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72	LENGTH	21112	EXCEPTIONS	PAGE 44	RUN NUMBER
			PIN ORDER														
DAT11(1)	H	A09J2	1-01 *		T17				2								406
DAT11(1)	H	A13K1	1-02 *		T14				1								406
DAT11(1)	H	B16S2	1-03 *		T14S												406
DAT11(1)			1										11-2/8				406
DAT12(0)	H	A17L2	1-01 *		T16				2								407
DAT12(0)	H	A16J2	1-02 *		T16S				1								407
DAT12(0)	H	C15M1	1-03 *		T06								11-2/8				407
DAT12(0)			1														407
DAT12(1)	H	A09J1	1-01 *		T17				1								408
DAT12(1)	H	A16K2	1-02 *		T16S												408
DAT12(1)			1										6-0/8				408
DAT13(0)	H	B14J2	1-01 *		T15				2								409
DAT13(0)	H	B13L2	1-02 *		T15				1								409
DAT13(0)	H	C16F1	1-03 *		T06												409
DAT13(0)			1										7-4/8				409
DAT13(1)	H	A09E2	1-01 *		T17				1								410
DAT13(1)	H	B16K2	1-02 *		T15												410
DAT13(1)			1										6-6/8				410
DAT14(0)	H	B17L2	1-01 *		T14				2								411
DAT14(0)	H	B16J2	1-02 *		T14S				1								411
DAT14(0)	H	C15A1	1-03 *		T06												411
DAT14(0)			1										7-2/8				411
DAT14(1)	H	A09E1	1-01 *		T17				1								412
DAT14(1)	H	B16K2	1-02 *		T14S												412
DAT14(1)			1										7-4/8				412
DAT15(0)	H	A17S2	1-01 *		T16				2								413
DAT15(0)	H	A14E1	1-02 *		T16S				1								413
DAT15(0)	H	C13R2	1-03 *		T06												413
DAT15(0)			1										13-4/8				413
DAT15(1)	H	A09B1	1-01 *		T17				1								414
DAT15(1)	H	A14F1	1-02 *		T16S												414
DAT15(1)			1										5-0/8				414
DAT16(0)	H	A14U2	1-01 *		T15S				1								415
DAT16(0)	H	B13S2	1-02 *		T15				2								415
DAT16(0)	H	C13K2	1-03 *		T06												415
DAT16(0)			1										9-4/8				415

TC11.F RUN NAME	A/P PIN	NAME	ORDER PIN	BAY ORDER	Q	DRAW	RV	Pg	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 45 RUN NUMBER
DATA DAT16(1) DAT16(1) DAT16(1)	H	A14V2 B08P1		1-01 * 1-02 *		T14S T16					1		6-2/8		416 416 416
DATA DAT17(0) DAT17(0) DAT17(0) DAT17(0)	H	A14R2 B17S2 C13D2		1-01 * 1-02 * 1-03 *		T14S T14 T06					1		10-4/8		417 417 417 417
DATA DAT17(1) DAT17(1) DAT17(1)	H	A14S2 B09L2		1-01 * 1-02 *		T14S T16					1		5-6/8		418 418 418
DATA DATA DATA	H	D16D1 D16K2		1-01 * 1-02 *		T07 T07S					1		3-6/8		419 419 419
DATA DATA DATA	L	D20B1 D20E2 D16E1		1-01 * 1-02 * 1-03 *		T05 T05 T07S					1		7-2/8		420 420 420 420
DATA DATA DATA	H	C19P1 C20S2 C20C1		1-01 * 1-02 * 1-03 *		T05 T05 T05S					2		7-0/8		421 421 421 421
DATA DATA DATA	L	C08S1 D16B1		1-01 * 1-02 *		T08 T03S					1		7-0/8		422 422 422
DATA DATA DATA	H	D07S2 D15T2		1-01 * 1-02 *		T03S T03					1		6-4/8		423 423 423
DATA DATA DATA	H	A09L2 D07R2		1-01 * 1-02 *		T17 T03S					1		11-2/8		424 424 424 424
DATA DATA DATA	H	C08T2 B15P1 D13T2		1-01 * 1-02 * 1-03 *		T04S T04 T04					2		15-0/8		425 425 425 425

TC11.F RUN NAME	A/P PIN	NAME	ORDER PIN	BAY ORDER	Q	DRAW	RV	Pg	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 46 RUN NUMBER
DATA DATA DATA	L	B13N1 C06S2 D08M2 D20U2 C21N2		1-01 * 1-02 * 1-03 * 1-04 * 1-05 *		T04S T04 T04 T04 T04					1		26-6/8		426 426 426 426 426
DATA DATA DATA	H	B13U2 C06S1		1-01 * 1-02 *		T04 T11S					1		7-0/8		427 427 427
DATA DATA DATA	H	A12U2 A08D1 C06R1		1-01 * 1-02 * 1-03 *		T11S T17 T11					2		14-4/8		428 428 428 428
DATA DATA DATA	H	D21L1 D21P1 D16V2 D14L2		1-01 * 1-02 * 1-03 * 1-04 *		T05 T05 T05S T07					1		11-2/8		429 429 429 429
DATA DATA DATA	L	B11B1 D14S1 D16U2 D23P2 C21H2		1-01 * 1-02 * 1-03 * 1-04 * 1-05 *		T03 T03 T05 T05 T05S					1		25-6/8		430 430 430 430 430
DATA DATA DATA	H	C11R2 D13V2		1-01 * 1-02 *		T05S T03					1		4-6/8		431 431 431
DATA DATA DATA	L	C11P2 D21N1		1-01 * 1-02 *		T05 T05S					1		8-2/8		432 432 432
DATA DATA DATA	H	D16N2				T05S							1-PIN RUN		433

TC11.F RUN NAME	A/P	HND288.V16(16) 03/31/72			Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 47 RUN NUMBER
PIN NAME	PIN NAME	ORDER	BAY -	ORDER											
DO STROBE	J	C03H2	1-01 *	1-01 *		T02					1				434
DO STROBE	J	C21S1	1-02 *	1-02 *		T05S					1				434
DO STROBE	J	C16H2	1-03 *	1-03 *		T05S					1				434
DO STROBE	J	C12S1	1-04 *	1-04 *		T05					1				434
DO STROBE	J	C06N2	1-05 *	1-05 *		T02					1				434
DO STROBE	J	C07M1	1-06 *	1-06 *		T19					1				434
DO STROBE	J	C07M1	1-07 *	1-07 *		T02					1				434
DO STROBE	J	C05K2	1-08 *	1-08 *		T04					1		32-6/8		434
DTP1	H	C23R1	1-01 *	1-01 *		T02					2				435
DTP1	H	C14R1	1-02 *	1-02 *		T03					1				435
DTP1	H	C04H2	1-03 *	1-03 *		T05S					1		16-6/8		435
ENDZ(0)	H	B24D2	1-01 *	1-01 *		T24					1				436
ENDZ(0)	H	C17H2	1-02 *	1-02 *		T04					1				436
ENDZ(0)	H	C15M1	1-03 *	1-03 *		T03					1				436
ENDZ(0)	H	C07L1	1-04 *	1-04 *		T03S					1		19-6/8		436
ENDZ(1)	H	A09A1	1-01 *	1-01 *		T17					1				437
ENDZ(1)	H	C07F2	1-02 *	1-02 *		T03					1		11-2/8		437
ENDZ(1)	H	A08B1	1-01 *	1-01 *							1				438
ERROR	H	C12S2	1-02 *	1-02 *						R1	1				438
ERROR	H	C15V2	1-03 *	1-03 *						R1	1				438
ERROR	H	C15V2	1-03 *	1-03 *						R1	1		17-2/8		438
ERROR	J	C22R2	1-01 *	1-01 *						R1	1				439
ERROR	J	C23R1	1-02 *	1-02 *						R1	1				439
ERROR	J	C23D2	1-03 *	1-03 *						R1	1				439
ERROR	J	B24N2	1-04 *	1-04 *						R1	1				439
ERROR	J	C20K1	1-05 *	1-05 *						R1	1				439
ERROR	J	C12T2	1-06 *	1-06 *						I	1		26-2/8		439
ERROR	H	B12R1	1-01 *	1-01 *							2				440
ERROR DISABLE	H	C14N1	1-02 *	1-02 *		T12					1				440
ERROR DISABLE	H	C15R2	1-03 *	1-03 *		T03S					1				440
ERROR DISABLE	H	C15R2	1-03 *	1-03 *		T03					1		10-4/8		440

TC11.F RUN NAME	A/P	HND288.V16(16) 03/31/72			Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 48 RUN NUMBER
PIN NAME	PIN NAME	ORDER	BAY -	ORDER											
ERROR STP	J	C23D1	1-01 *	1-01 *		T04					2				441
ERROR STP	J	C21R2	1-02 *	1-02 *		T04					1				441
ERROR STP	J	C12N2	1-03 *	1-03 *		T04S					1				441
ERROR STP	J	C06P1	1-04 *	1-04 *		T04					1		16-6/8		441
ERROR STP	H	A06P1	1-01 *	1-01 *							1				442
FCI1(0)	H	B24K2	1-02 *	1-02 *		T11S					1		12-4/8		442
FCI1(0)	H	B24K2	1-02 *	1-02 *		T24					1				442
FCI1(1)	H	A12L2	1-01 *	1-01 *							1				443
FCI1(1)	H	A06N1	1-02 *	1-02 *		T11S					2				443
FCI1(1)	H	B06R1	1-03 *	1-03 *		T11					1				443
FCI1(1)	H	C12V1	1-04 *	1-04 *		T05					1		17-6/8		443
FCI1(1)	H	C12V1	1-04 *	1-04 *							1				443
FCI2(0)	H	A06M1	1-01 *	1-01 *							1				444
FCI2(0)	H	B24P2	1-02 *	1-02 *		T11S					1		12-6/8		444
FCI2(0)	H	B24P2	1-02 *	1-02 *		T24					1				444
FCI2(1)	H	B06L1	1-01 *	1-01 *							1				445
FCI2(1)	H	A06L1	1-02 *	1-02 *		T18					1				445
FCI2(1)	H	A12T2	1-03 *	1-03 *		T11S					1				445
FCI2(1)	H	C12U2	1-04 *	1-04 *		T05					1		19-2/8		445
FCI2(1)	H	C12U2	1-04 *	1-04 *							1				445
FCI3(0)	H	B06J2	1-01 *	1-01 *							2				446
FCI3(0)	H	C06N2	1-02 *	1-02 *		T06					1				446
FCI3(0)	H	C17L2	1-03 *	1-03 *		T11S					1				446
FCI3(0)	H	C21F1	1-04 *	1-04 *		T07					1				446
FCI3(0)	H	C22J2	1-05 *	1-05 *		T00					1				446
FCI3(0)	H	B24F2	1-06 *	1-06 *		T02					1				446
FCI3(0)	H	B24F2	1-06 *	1-06 *		T24					1		31-4/8		446
FCI3(1)	H	A12M2	1-01 *	1-01 *							2				447
FCI3(1)	H	B06M1	1-02 *	1-02 *		T11S					1				447
FCI3(1)	H	C06M1	1-03 *	1-03 *		T16					1				447
FCI3(1)	H	C12V2	1-04 *	1-04 *		T05					1				447
FCI3(1)	H	C21B1	1-05 *	1-05 *		T06					1		24-4/8		447
FCI3(1)	H	C21B1	1-05 *	1-05 *							1				447
FORWARD	J	A19V1	1-01 *	1-01 *							1				448
FORWARD	J	C21U1	1-02 *	1-02 *		T12					1		7-6/8		448
FORWARD	J	C21U1	1-02 *	1-02 *							1				448

TC11.F RUN NAME	A/P	HND28B.V16(16) 03/31/72 PIN ORDER NAME	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 51 RUN NUMBER
GND 07		A07C2	1-01 *										455
GND 07		A07F1	1-02 *										455
GND 07		A07T1	1-03 *										455
GND 07		B07C2	1-04 *										455
GND 07		B07T1	1-05 *										455
GND 07		C07C2	1-06 *										455
GND 07		C07T1	1-07 *										455
GND 07		D07C2	1-08 *										455
GND 07		D07T1	1-09 *										455
GND 08		A08A1	1-01 *								28=4/8		456
GND 08		A08C2	1-02 *										456
GND 08		A08T1	1-03 *										456
GND 08		B08C2	1-04 *										456
GND 08		B08T1	1-05 *										456
GND 08		C08C2	1-06 *										456
GND 08		C08T1	1-07 *										456
GND 08		D08C2	1-08 *										456
GND 08		D08T1	1-10 *										456
GND 09		A09C2	1-01 *								31=4/8		457
GND 09		A09T1	1-02 *										457
GND 09		B09C2	1-03 *										457
GND 09		B09T1	1-04 *										457
GND 09		C09C2	1-05 *										457
GND 09		C09T1	1-06 *										457
GND 09		D09C2	1-07 *										457
GND 09		D09T1	1-08 *										457
GND 10		A10C2	1-01 *								26=2/8		458
GND 10		A10T1	1-02 *										458
GND 10		B10C2	1-03 *										458
GND 10		B10T1	1-04 *										458
GND 10		C10C2	1-05 *										458
GND 10		C10T1	1-06 *										458
GND 10		D10C2	1-07 *										458
GND 10		D10T1	1-08 *										458

TC11.F RUN NAME	A/P	HND28B.V16(16) 03/31/72 PIN ORDER NAME	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 52 RUN NUMBER
GND 11		A11C2	1-01 *										459
GND 11		A11T1	1-02 *										459
GND 11		B11C2	1-03 *										459
GND 11		B11T1	1-04 *										459
GND 11		C11C1	1-05 *										459
GND 11		C11C2	1-06 *										459
GND 11		C11M2	1-07 *										459
GND 11		C11N2	1-08 *										459
GND 11		C11T1	1-09 *										459
GND 11		D11C2	1-10 *										459
GND 11		D11K2	1-11 *										459
GND 11		D11L2	1-12 *										459
GND 11		D11T1	1-13 *										459
GND 11		D11T1	1-14 *								40=6/8		459
GND 12		A12C2	1-01 *										460
GND 12		A12C1	1-02 *										460
GND 12		A12F1	1-03 *										460
GND 12		A12J1	1-04 *										460
GND 12		B12C2	1-05 *										460
GND 12		B12T1	1-06 *										460
GND 12		C12C2	1-07 *										460
GND 12		C12T1	1-08 *										460
GND 12		C12U1	1-09 *										460
GND 12		D12C2	1-10 *										460
GND 12		D12T1	1-11 *										460
GND 12		D12T1	1-12 *								35=6/8		460

TC11.F		HND288.V16(16) 03/31/72		Q		X		Z		REMARKS		24-MAY-72		PAGE 53	
RUN NAME	A/P	PIN NAME	ORDER	Q	RV	PG	Y	X	Z	LENGTH	EXCEPTIONS	RUN	NUMBER		
GND 13		A19C2	1-01 *						N	48-4/8		461	461		
GND 13		A19T1	1-02 *						N			461	461		
GND 13		B19C2	1-03 *						N			461	461		
GND 13		B19T1	1-04 *						N			461	461		
GND 13		C19C2	1-05 *						N			461	461		
GND 13		C19F2	1-06 *						N			461	461		
GND 13		C19E1	1-07 *						N			461	461		
GND 13		C19H2	1-08 *						N			461	461		
GND 13		C19L1	1-09 *						N			461	461		
GND 13		C19M2	1-10 *						N			461	461		
GND 13		C19N2	1-11 *						N			461	461		
GND 13		C19T1	1-12 *						N			461	461		
GND 13		C19S1	1-13 *						N			461	461		
GND 13		C19U2	1-14 *						N			461	461		
GND 13		D19C2	1-15 *						N			461	461		
GND 13		D19T1	1-16 *						N			461	461		
GND 13		D19C2	1-17 *						N			461	461		
GND 14		A19C2	1-01 *						N	26-2/8		462	462		
GND 14		A19T1	1-02 *						N			462	462		
GND 14		B19C2	1-03 *						N			462	462		
GND 14		B19T1	1-04 *						N			462	462		
GND 14		C19C2	1-05 *						N			462	462		
GND 14		C19T1	1-06 *						N			462	462		
GND 14		D19C2	1-07 *						N			462	462		
GND 14		D19T1	1-08 *						N			462	462		
GND 15		A19C2	1-01 *						N	26-2/8		463	463		
GND 15		A19T1	1-02 *						N			463	463		
GND 15		B19C2	1-03 *						N			463	463		
GND 15		B19T1	1-04 *						N			463	463		
GND 15		C19C2	1-05 *						N			463	463		
GND 15		C19T1	1-06 *						N			463	463		
GND 15		D19C2	1-07 *						N			463	463		
GND 15		D19T1	1-08 *						N	26-2/8		463	463		

TC11.F		HND288.V16(16) 03/31/72		24-MAY-72		21112		PAGE 54					
RUN NAME	A/P	PIN NAME	ORDER	Q	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
GND 16		A19C2	1-01 *						1		26-2/8		464
GND 16		A19T1	1-02 *						1				464
GND 16		B19C2	1-03 *						1				464
GND 16		B19T1	1-04 *						2				464
GND 16		C19C2	1-05 *						1				464
GND 16		C19T1	1-06 *						2				464
GND 16		D19C2	1-07 *						1				464
GND 16		D19T1	1-08 *						1		26-2/8		464
GND 17		A17C2	1-01 *						1		26-2/8		465
GND 17		A17T1	1-02 *						2				465
GND 17		B17C2	1-03 *						1				465
GND 17		B17T1	1-04 *						2				465
GND 17		C17C2	1-05 *						1				465
GND 17		C17T1	1-06 *						2				465
GND 17		D17C2	1-07 *						1				465
GND 17		D17T1	1-08 *						1		26-2/8		465
GND 18		A18C2	1-01 *						2		26-6/8		466
GND 18		A18T1	1-02 *						1				466
GND 18		A18U1	1-03 *						1				466
GND 18		B18C2	1-04 *						1				466
GND 18		B18T1	1-05 *						2				466
GND 18		C18C2	1-06 *						1				466
GND 18		C18T1	1-07 *						2				466
GND 18		D18C2	1-08 *						1				466
GND 18		D18T1	1-09 *						1		26-6/8		466
GND 19		A19C1	1-01 *						1		36-0/8		467
GND 19		A19C2	1-02 *						1				467
GND 19		A19M2	1-03 *						1				467
GND 19		A19N2	1-04 *						2				467
GND 19		A19T1	1-05 *						1				467
GND 19		A19U2	1-06 *						1				467
GND 19		B19C2	1-07 *						1				467
GND 19		B19M2	1-08 *						1				467
GND 19		B19T1	1-09 *						1				467
GND 19		C19C2	1-10 *						1				467
GND 19		C19T1	1-11 *						1				467
GND 19		D19C2	1-12 *						1				467
GND 19		D19T1	1-13 *						1				467

TC11.F RUN NAME	HND289.V16(16) 03/31/72 A/P PIN ORDER PIN NAME	Q DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 55 RUN NUMBER
GND 20	A20D2	T12						468
GND 20	A20C1	T12						468
GND 20	A20A1	T12						468
GND 20	A20C2							468
GND 20	A20F2	T12						468
GND 20	A20F1	T12						468
GND 20	A20J2	T12						468
GND 20	A20N2	T12						468
GND 20	A20K1	T12						468
GND 20	A20L2	T12						468
GND 20	A20M1	T12						468
GND 20	A20N1	T12						468
GND 20	A20R2	T12						468
GND 20	A20T1	T12						468
GND 20	A20U1							468
GND 20	A20C2	T12						468
GND 20	B20T1							468
GND 20	C20C2							468
GND 20	C20T1							468
GND 20	D20C2							468
GND 20	D20T1							468
GND 21	A21C2					52-4/8		468
GND 21	A21T1							469
GND 21	B21C2							469
GND 21	B21T1							469
GND 21	C21C2							469
GND 21	C21T1							469
GND 21	D21C2							469
GND 21	D21T1							469
GND 21						26-2/8		469
GND 21								469

TC11.F RUN NAME	HND289.V16(16) 03/31/72 A/P PIN ORDER PIN NAME	Q DRAW RV PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 56 RUN NUMBER
GND 22	A22C2							470
GND 22	A22J2	T12						470
GND 22	A22K2	T12						470
GND 22	A22R2	T12						470
GND 22	A22T1							470
GND 22	A22T2	T12						470
GND 22	A22S2	T12						470
GND 22	A22U2	T12						470
GND 22	B22C2							470
GND 22	B22F2							470
GND 22	B22L2	T12						470
GND 22	B22L2	T12						470
GND 22	B22M2	T12						470
GND 22	B22T1	T12						470
GND 22	C22C2							470
GND 22	C22T1							470
GND 22	D22C2							470
GND 22	D22T1							470
GND 23	A23C2					50-4/8		471
GND 23	A23T1							471
GND 23	B23C2							471
GND 23	B23T1							471
GND 23	C23C2							471
GND 23	C23T1							471
GND 23	D23C2							471
GND 23	D23T1							471
GND 24	A24C2					26-2/8		472
GND 24	A24T1							472
GND 24	B24C2							472
GND 24	B24T1							472
GND 24	C24C2							472
GND 24	C24T1							472
GND 24	D24C2							472
GND 24	D24T1							472
GO	A19R1							473
GO	C21S2					8-2/8		473
GO								473

TC11.F	HND288.V16(16) 03/31/72										24-MAY-72		2112		PAGE 57
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER			
ILO	H	A09H1		1-01 *		T117		1		16-2/8		474			
ILO	H	D12V1		1-02 *		T03						474			
ILO	H	D14S2		1-03 *		T03S						474			
ILO	L	B24R2		1-01 *		T24		1				475			
ILO	L	D17L2		1-02 *		T04						475			
ILO	L	D15R1		1-03 *		T03						475			
ILO	L	D14U1		1-04 *		T03S				16-4/8		475			
IN	H	A08F1		1-01 *		T117		1				476			
IN	H	B08F1		1-02 *		T18						476			
IN	H	B08M1		1-03 *		T119S		1				476			
IN	H	C07R1		1-04 *		T09		1				476			
IN	H	C08E2		1-05 *		T19		1				476			
IN	H	C08E1		1-06 *		T09		1				476			
IN	H	C07P1		1-07 *		T09		1				476			
IN	H	C07P2		1-08 *		T09				25-4/8		476			
IN	L	C08F2		1-01 *		T19S		2				477			
IN	L	C08B1		1-02 *		T09		1				477			
IN	L	C08D2		1-03 *		T09		1				477			
IN	L	C08K2		1-04 *		T09		1				477			
IN	L	C08U2		1-05 *		T09		1				477			
IN	L	C09V2		1-06 *		T02		2		15-6/8		477			
INC BA-WC	H	A07A1		1-01 *		T21		1				478			
INC BA-WC	H	A07C1		1-02 *		T22						478			
INC BA-WC	H	C06P1		1-03 *		T08S				11-4/8		478			
INT ENB(0)	H	A00H1		1-01 *		T11S		1				479			
INT ENB(0)	H	B24J2		1-02 *		T24				13-8/8		479			
INT ENB(1)	H	A12S2		1-01 *		T11S		1				480			
INT ENB(1)	H	A06F1		1-02 *		T11		2				480			
INT ENB(1)	H	B08A1		1-03 *		T10		1				480			
INT ENB(1)	H	B05H2		1-04 *						14-6/8		480			
INTR DONE A	H	B05L2		1-01 *		T19S		1				481			
INTR DONE A	H	B05S1		1-02 *						3-2/8		481			

TC11.F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TC11.F RUN NAME	A/P	PIN NAME	HND288.V15(16) 03/31/72 ORDER PIN	Q	DRAM RV	PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 59 RUN NUMBER
LPB4(1)	H	A15N1	1-01 *		T15			1				494
LPB4(1)	H	C15H2	1-02 *		T06S			2				494
LPB4(1)	H	D15K1	1-03 *		T07							494
LPB4(1)			1							12-4/8		494
LPB5(0)	H	C15F1			T06S						1-PIN RUN	495
LPB5(1)	H	A15B1	1-01 *		T14			1				496
LPB5(1)	H	C15E1	1-02 *		T06S			2				496
LPB5(1)	H	D15J1	1-03 *		T07							496
LPB5(1)			1							13-4/8		496
MAINT(0)	H	A15S1	1-01 *		T12			1				497
MAINT(0)	H	A15R2	1-02 *		T118							497
MAINT(0)	H	B15H1	1-03 *		T09							497
MAINT(0)	H	C15S2	1-04 *		T07			1				497
MAINT(0)	H	D15J1	1-05 *		T03			2				497
MAINT(0)	H	C05P2	1-06 *		T04							497
MAINT(0)	H	C07T2	1-07 *		T09							497
MAINT(0)			1							32-0/8		497
MAINT(1)	H	A05E1	1-01 *		T17			2				498
MAINT(1)	H	A15P2	1-02 *		T118			1				498
MAINT(1)	H	B15B1	1-03 *		T10			2				498
MAINT(1)	H	B15J2	1-04 *		T09			1				498
MAINT(1)	H	C05F1	1-05 *		T09							498
MAINT(1)	H	C07H1	1-06 *		T09							498
MAINT(1)	H	C15U2	1-07 *		T07							498
MAINT(1)			1							28-2/8		498
MASTER A	J	B05S2	1-01 *					2				499
MASTER A	J	B05R2	1-02 *		T19			1				499
MASTER A	J	B05P2	1-03 *		T19							499
MASTER A			1							5-0/8		499
MASTER B	H	C06K1	1-01 *					1				500
MASTER B	H	C21H1	1-02 *					2				500
MASTER B	H	D22P2	1-03 *									500
MASTER B			1							16-2/8		500
MASTER B	J	B06H2	1-01 *		T08			1				501
MASTER B	J	B06H1	1-02 *		T08			2				501
MASTER B	J	B05N1	1-03 *									501
MASTER B	J	C06J1	1-04 *		T19			1				501
MASTER B			1							10-2/8		501

TC11.F RUN NAME	A/P	PIN NAME	HND208.V16(16) 03/31/72 ORDER PIN ORDER	BAY - BAY -	Q	DRAW RV PG Y X Z	REMARKS	24-MAY-72 LENGTH	2112 EXCEPTIONS	PAGE 60 RUN NUMBER
MISS(0)	H	D07M1				T03S			1-PIN RUN	502
MISS(1)	H	D07C1	1-01 *			T03S				503
MISS(1)	H	D1D02	1-02 *			T03				503
MISS(1)			1					6-2/8		503
MK BLK END	H	D18U1				T07S			1-PIN RUN	504
MK BLK END	L	C29P1	1-01 *			T02				505
MK BLK END	L	D17G1	1-02 *			T03				505
MK BLK END	L	D18V1	1-03 *			T07S				505
MK BLK END			1					10-4/8		505
MK BLK MK	H	C09P1	1-01 *			T02				506
MK BLK MK	H	C18E2	1-02 *			T07S				506
MK BLK MK	H	D17D2	1-03 *			T07				506
MK BLK MK			1					12-6/8		506
MK BLK MK	L	C18D2				T07S			1-PIN RUN	507
MK BLK START	H	C09K1	1-01 *			T02				508
MK BLK START	H	C18J2	1-02 *			T07S				508
MK BLK START	H	D21D1	1-03 *			T02				508
MK BLK START			1					12-4/8		508
MK BLK START	L	C18F1	1-01 *			T07S				509
MK BLK START	L	D17A1	1-02 *			T03				509
MK BLK START			1					4-6/8		509
MK BLK SYNC	H	D18S2				T07S			1-PIN RUN	510
MK BLK SYNC	L	D18T2				T07S			1-PIN RUN	511
MK DATA	H	D18P2				T07S			1-PIN RUN	512
MK DATA	L	C18U2	1-01 *			T07S				513
MK DATA	L	D17B1	1-02 *			T03				513
MK DATA			1					3-4/8		513
MK DATA SYNC	H	C17B1	1-01 *			T02				514
MK DATA SYNC	H	C18H1	1-02 *			T07S				514
MK DATA SYNC			1					3-2/8		514
MK DATA SYNC	L	C18J1				T07S			1-PIN RUN	515

T031.F	RUN NAME	A/P	HND888.V19(16)	05/31/72	BAY	G	D/FM	RV	Pg	Y	X	Z	REMARKS	24-MAY-72	LENGTH	2111Z	PAGE 61
			NAME	ORDER	ORDER											EXCEPTIONS	RUN NUMBER
MK END		H	C18P2	I=01 *			T07S					1			10-0/8		516
MK END		H	D06P2	I=02 *			T05										516
MK END		L	C18H2	I=01 *			T07S					1			5-0/8		517
MK END		L	D17D1	I=02 *			T05										517
MKT(0)		H	A11F1	I=01 *			T10S					1			10-0/8		518
MKT(0)		H	C06T2	I=02 *			T07										518
MKT(1)		H	A11E1	I=01 *			T10S					1			5-2/8		519
MKT(1)		H	B09D2	I=02 *			T16										519
MTE(0)		H	B04H2	I=01 *			T24					2					520
MTE(0)		H	A14J2	I=02 *			T03S					1					520
MTE(0)		H	D15N1	I=03 *			T05					2					520
MTE(0)		H	D17N2	I=04 *			T04								22-6/8		520
MTE(1)		H	A09D2	I=01 *			T17					2					521
MTE(1)		H	A14K2	I=02 *			T03S					1					521
MTE(1)		H	D15R1	I=03 *			T05								16-2/8		521
NEW UNIT SELECT		H	B11S2				T04S									1-PIN RUN	522
NEW UNIT SELECT		J	A10T2	I=01 *			T12					2					523
NEW UNIT SELECT		J	B11R2	I=02 *			T04S					1					523
NEW UNIT SELECT		J	D11U1	I=03 *			T04					2					523
NEW UNIT SELECT		J	D05U1	I=04 *			T04					1					523
NEW UNIT SELECT		J	D05L2	I=05 *			T04								24-0/8		523
NEX(0)		H	B06K1	I=01 *			T05S					1			10-4/8		524
NEX(0)		H	D15U2	I=02 *			T05										524
NEX(1)		H	A09P1	I=01 *			T17					1					525
NEX(1)		H	B06L1	I=02 *			T05S								5-2/8		525

[illegible]

TC11.F RUN NAME	A/P	PIN NAME	HND288.V16(16) 03/31/72 ORDER PIN ORDER	Q	DRAW RV	PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 63 RUN NUMBER
OBUS 003	J	A04D2	1-01 *		T13			2				536
OBUS 003	J	A07H2	1-02 *		T21S/T22S			1				536
OBUS 003	J	B05M2	1-03 *		T10S			2				536
OBUS 003	J	B05K2	1-04 *		T10S							536
OBUS 003			1							12-6/8		536
OBUS 004	J	A04F2	1-01 *		T13			2				537
OBUS 004	J	B05K2	1-02 *		T10S			1				537
OBUS 004	J	B05X1	1-03 *		T10S			2				537
OBUS 004	J	B07R2	1-04 *		T21S/T22S							537
OBUS 004			1							12-0/8		537
OBUS 005	J	A04J2	1-01 *		T13			2				538
OBUS 005	J	A05R1	1-02 *		T21S/T22S			1				538
OBUS 005	J	B05H2	1-03 *		T10S			2				538
OBUS 005	J	B05F2	1-04 *		T10S							538
OBUS 005			1							11-4/8		538
OBUS 006	J	A04M1	1-01 *		T13			1				539
OBUS 006	J	A07S2	1-02 *		T21S/T22S			2				539
OBUS 006	J	B05E2	1-03 *		T10S			1				539
OBUS 006	J	B05F1	1-04 *		T10S							539
OBUS 006			1							11-2/8		539
OBUS 007	J	A04K1	1-01 *		T13			2				540
OBUS 007	J	A07P1	1-02 *		T21S/T22S			1				540
OBUS 007	J	B05C1	1-03 *		T10S			2				540
OBUS 007	J	B05C1	1-04 *		T10S							540
OBUS 007			1							10-6/8		540
OBUS 008	J	A04M1	1-01 *		T13			2				541
OBUS 008	J	A05S1	1-02 *		T17S			1				541
OBUS 008	J	A05U2	1-03 *		T17S			2				541
OBUS 008	J	B07N2	1-04 *		T21S/T22S							541
OBUS 008			1							12-4/8		541
OBUS 009	J	A04N2	1-01 *		T13			1				542
OBUS 009	J	A05N2	1-02 *		T17S			2				542
OBUS 009	J	A05S2	1-03 *		T17S			1				542
OBUS 009	J	B07C1	1-04 *		T21S/T22S							542
OBUS 009			1							12-0/8		542
OBUS 010	J	A04R2	1-01 *		T13			2				543
OBUS 010	J	A05N1	1-02 *		T17S			1				543
OBUS 010	J	A05P2	1-03 *		T17S			2				543
OBUS 010	J	B07D2	1-04 *		T21S/T22S							543
OBUS 010			1							11-6/8		543

TC11.F	A/P	HND289.V16(16)	03/31/72	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72	LENGTH	2112	EXCEPTIONS	PAGE 64
RUN NAME	PIN NAME	ORDER PIN	BAY - ORDER													RUN NUMBER
OBUS D11	L	A04U1	1-01 *							2						544
OBUS D11	L	B07A1	1-02 *							1						544
OBUS D11	L	A08H2	1-03 *							2						544
OBUS D11	L	A09K2	1-04 *													544
OBUS D11			1										11-4/8			544
OBUS D12	L	A09K1	1-01 *							1						545
OBUS D12	L	A08K2	1-02 *							2						545
OBUS D12	L	A04T2	1-03 *							1						545
OBUS D12	L	B07H2	1-04 *													545
OBUS D12			1										12-0/8			545
OBUS D13	L	A09P2	1-01 *							2						546
OBUS D13	L	A08H2	1-02 *							1						546
OBUS D13	L	A04V2	1-03 *							2						546
OBUS D13	L	B07H2	1-04 *													546
OBUS D13			1										12-0/8			546
OBUS D14	L	A09F1	1-01 *							1						547
OBUS D14	L	A08E2	1-02 *							2						547
OBUS D14	L	A04S1	1-03 *							1						547
OBUS D14	L	B07H1	1-04 *													547
OBUS D14			1										13-2/8			547
OBUS D15	L	A09C1	1-01 *							2						548
OBUS D15	L	A08G1	1-02 *							1						548
OBUS D15	L	B07H1	1-03 *							2						548
OBUS D15	L	A04P1	1-04 *													548
OBUS D15			1										14-0/8			548

TC11.F									
RUN NAME									
HND288.V16(16) 03/31/72									
A/P	PIN	ORDER	BAY	Q	DRAM	RV	PG	Y	X
NAME	NAME	PIN	ORDER						
REMARKS									
24-MAY-72									
LENGTH									
21112									
EXCEPTIONS									
PAGE 69									
RUN NUMBER									
REV(0)	A11U1		1-01 *		T11S				2
REV(0)	D04C1		1-02 *		T04				2
REV(0)	D20P1		1-03 *		T04				2
REV(0)	C21P1		1-04 *						
REV(1)									
REV(1)	A08M1		1-01 *		T17				1
REV(1)	A11S1		1-02 *		T11S				2
REV(1)	C10E2		1-03 *		T08				1
REV(1)	C10F2		1-04 *		T08				1
REV(1)	D04F1		1-05 *		T04				1
REV(1)	D20P2		1-06 *		T04				1
REVERSE									
REVERSE	A19P2		1-01 *		T12				1
REVERSE	D20S2		1-02 *		T04S				
RNUM									
RNUM	C09S1		1-01 *		T02				1
RNUM	C12E2		1-02 *		T03S				2
RNUM	D14K2		1-03 *		T07				
RNUM									
RNUM	C12E1		1-01 *		T05S				1
RNUM	C19T2		1-02 *		T05				
RALL									
RALL	A08R1		1-01 *		T02				2
RALL	D06H2		1-02 *		T03				1
RALL	D06K1		1-03 *		T03S				2
RALL	D20M1		1-04 *		T03				
RMB SH									
RMB SH	C13D1		1-01 *		T06				1
RMB SH	C13K1		1-02 *		T06				2
RMB SH	C13R1		1-03 *		T06				1
RMB SH	D22C1		1-04 *		T05S				
RMB0(0)									
RMB0(0)	C13M2		1-01 *		T06				1
RMB0(0)	C13N2		1-02 *		T06				2
RMB0(0)	C14V1		1-03 *		T06S				1
RMB0(0)	C15P1		1-04 *		T06				

TC11.F									
RUN NAME									
HND288.V16(16) 03/31/72									
A/P	PIN	ORDER	BAY	Q	DRAM	RV	PG	Y	X
NAME	NAME	PIN	ORDER						
REMARKS									
24-MAY-72									
LENGTH									
21112									
EXCEPTIONS									
PAGE 70									
RUN NUMBER									
RMB0(1)	A17U2		1-01 *		T16				1
RMB0(1)	C14V2		1-02 *		T06S				
RMB0(1)									
RMB1(0)	C13T2		1-01 *		T06				1
RMB1(0)	C13U2		1-02 *		T06				2
RMB1(0)	C14J1		1-03 *		T06S				1
RMB1(0)	C15J1		1-04 *		T06				
RMB1(1)									
RMB1(1)	B13U2		1-01 *		T15				1
RMB1(1)	C14S1		1-02 *		T06S				
RMB2(0)									
RMB2(0)	C13R1		1-01 *		T06				2
RMB2(0)	C14R2		1-02 *		T06S				1
RMB2(0)	C15P1		1-03 *		T06				2
RMB2(0)	C15C1		1-04 *		T06				
RMB2(1)									
RMB2(1)	B17U2		1-01 *		T14				1
RMB2(1)	C14P2		1-02 *		T06S				
RMB3(0)									
RMB3(0)	A23P2		1-01 *		T12				1
RMB3(0)	B26P2		1-02 *		T12				2
RMB3(0)	C13J1		1-03 *		T06				1
RMB3(0)	C13K1		1-04 *		T06S				2
RMB3(0)	C14M1		1-05 *		T06				
RMB3(1)									
RMB3(1)	B07L1		1-06 *		T18				1
RMB4(0)									
RMB4(0)	B21P2		1-01 *		T12				2
RMB4(0)	C13F2		1-02 *		T06				1
RMB4(0)	C13E2		1-03 *		T06				2
RMB4(0)	C14J2		1-04 *		T06S				

TC11.F RUN NAME	HND288.V16(16) 03/31/72				24-MAY-72				2112				PAGE 71			
A/P	PIN	NAME	ORDER	BAY -	Q	DRAM	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
RMB4(1)	H	B09H2	1-01 *	1-01 *		T10										598
RMB4(1)	H	C13F1	1-02 *	1-02 *		T06										598
RMB4(1)	H	C14H2	1-03 *	1-03 *		T06S										598
RMB4(1)	H	B15N2	1-04 *	1-04 *		T15										598
RMB4(1)	H	B21N2	1-05 *	1-05 *		T12										598
RMB5(0)	H	B23P2	1-01 *	1-01 *		T12							18-2/8			599
RMB5(0)	H	C15D1	1-02 *	1-02 *		T06										599
RMB5(0)	H	C15C1	1-03 *	1-03 *		T06										599
RMB5(0)	H	C15F1	1-04 *	1-04 *		T06S							12-4/8			599
RMB5(1)	H	B09H1	1-01 *	1-01 *		T10										600
RMB5(1)	H	C13A1	1-02 *	1-02 *		T06										600
RMB5(1)	H	C14E1	1-03 *	1-03 *		T06S										600
RMB5(1)	H	B17N2	1-04 *	1-04 *		T14										600
RMB5(1)	H	B23N2	1-05 *	1-05 *		T12										600
RNC1	H	C14B1	1-01 *	1-01 *		T06							18-2/8			601
RNC1	H	C14D2	1-02 *	1-02 *		T06										601
RNC1	H	C14H1	1-03 *	1-03 *		T06										601
RNC1	H	C14L2	1-04 *	1-04 *		T03S							9-4/8			601
RNC2	H	C14L2	1-01 *	1-01 *		T06										602
RNC2	H	C14B2	1-02 *	1-02 *		T06										602
RNC2	H	C14N1	1-03 *	1-03 *		T06										602
RNC2	H	C14M1	1-04 *	1-04 *		T03S							9-6/8			602
RNDAT	H	D14E2	1-01 *	1-01 *		T03										603
RNDAT	H	C09D2	1-02 *	1-02 *		T02										603
RNDAT	H	C09J2	1-03 *	1-03 *		T08										603
RNDAT	H	D09S1	1-04 *	1-04 *		T02S							16-0/8			603
SAT	H	C12D2	1-01 *	1-01 *		T05S										604
SAT	H	D20T2	1-02 *	1-02 *		T04							8-2/8			604
SAT	L	A15S2	1-01 *	1-01 *		T12										605
SAT	L	C12D1	1-02 *	1-02 *		T05S										605
SAT	L	D14X1	1-03 *	1-03 *		T03										605
SAT	L	D09L1	1-04 *	1-04 *		T04							18-6/8			605

TC11.F RUN NAME	HND288.V16(16) 03/31/72				24-MAY-72				2112				PAGE 72			
A/P	PIN	NAME	ORDER	BAY -	Q	DRAM	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
SELE	H	A09H2	1-01 *	1-01 *		T17										606
SELE	H	D12P2	1-02 *	1-02 *		T03										606
SELE	H	D13S2	1-03 *	1-03 *		T03S							14-6/8			606
SELE	L	B24L2	1-01 *	1-01 *		T23										607
SELE	L	C09D1	1-02 *	1-02 *		T10										607
SELE	L	D17K2	1-03 *	1-03 *		T04										607
SELE	L	D14R2	1-04 *	1-04 *		T03										607
SELE	L	D12R2	1-05 *	1-05 *		T03S							18-6/8			607
SELECT 0	H	C09E1	1-01 *	1-01 *		T19S										608
SELECT 0	H	C07A1	1-02 *	1-02 *		T09										608
SELECT 0	H	C09H1	1-03 *	1-03 *		T09										608
SELECT 0	H	C08N2	1-04 *	1-04 *		T09							9-4/8			608
SELECT 10	H	C09A1	1-01 *	1-01 *		T09										609
SELECT 10	H	C09J2	1-02 *	1-02 *		T19S										609
SELECT 10	H	C07R2	1-03 *	1-03 *		T09										609
SELECT 10	H	C08T2	1-04 *	1-04 *		T09										609
SELECT 10	H	C09T2	1-05 *	1-05 *		T02										609
SELECT 10	H	D21P2	1-06 *	1-06 *		T02							22-0/8			609
SELECT 2	H	A09H1	1-01 *	1-01 *		T17										610
SELECT 2	H	B09H1	1-02 *	1-02 *		T10										610
SELECT 2	H	C08C1	1-03 *	1-03 *		T09										610
SELECT 2	H	C08E1	1-04 *	1-04 *		T09										610
SELECT 2	H	B09T2	1-05 *	1-05 *		T19S										610
SELECT 2	H	B13M1	1-06 *	1-06 *		T04										610
SELECT 2	H	C21P2	1-07 *	1-07 *		T05										610
SELECT 2	H	D14T2	1-08 *	1-08 *		T04							38-2/8			610
SELECT 4	H	B04R2	1-01 *	1-01 *		T19S										611
SELECT 4	H	C07D1	1-02 *	1-02 *		T09										611
SELECT 4	H	C08F2	1-03 *	1-03 *		T09										611
SELECT 6	H	B04S1	1-01 *	1-01 *		T19S							7-4/8			612
SELECT 6	H	C08J2	1-02 *	1-02 *		T09										612
SELECT 6	H	C07R1	1-03 *	1-03 *		T09							9-0/8			612

TC11.F RUN NAME	A/P	PIN NAME	HND288.V16(16) 03/31/72	Q	DRAW	RV	PC	Y	X	Z	REMARKS	24-MAY-72	LENGTH	21112	EXCEPTIONS	PAGE 75
			ORDER													NUMBER
STOP	L	A19N1	1-01 *		T12					1						630
STOP	L	D12L2	1-02 *		T04S											630
STOP			1										11-4/8			630
SPP	H	D08L2	1-01 *		T04					1						631
SPP	H	D08N1	1-02 *		T04S					1						631
SPP	H	D18N1	1-03 *		T04					1						631
SPP	H	D13U2	1-04 *		T04					1						631
SPP	H	D13H2	1-05 *		T02					1						631
SPP			1										18-2/8			631
SPP	L	C03C1	1-01 *		T04					2						632
SPP	L	C01P2	1-02 *		T04					1						632
SPP	L	D12P1	1-03 *		T04S											632
SPP			1										12-2/8			632
SYNC	H	D18N2	1-01 *		T07S					1						633
SYNC	H	D03D1	1-02 *		T02											633
SYNC			1										5-8/8			633
SYNC	L	D10M2			T07S									1-1-PIN RUN		634
TAPE CLK (0)	H	A11V1	1-01 *		T10S					1						635
TAPE CLK (0)	H	A21P2	1-02 *		T12											635
TAPE CLK (0)			1										7-6/8			635
TAPE CLK (1)	H	A11V2	1-01 *		T10S					1						636
TAPE CLK (1)	H	A21N2	1-02 *		T12											636
TAPE CLK (1)			1										7-6/8			636
TC INT	H	B05K2	1-01 *		T19S					1						637
TC INT	H	B12N2	1-02 *													637
TC INT			1										6-2/8			637
TCBA TO BUS	L	A07D2	1-01 *		T21					1						638
TCBA TO BUS	L	C07S1	1-02 *		T09S											638
TCBA TO BUS			1										9-2/8			638
TCST TO BUS	L	A09U2	1-01 *		T17					1						639
TCST TO BUS	L	B09U2	1-02 *		T18					1						639
TCST TO BUS	L	C07C1	1-03 *		T09S											639
TCST TO BUS			1										9-8/8			639
TCWC TO BUS	L	B07T2	1-01 *		T22					1						640
TCWC TO BUS	L	C07F1	1-02 *		T09S											640
TCWC TO BUS			1										3-6/8			640

TC11.F RUN NAME	A/P	PIN NAME	HND289.V16(16) 03/31/72 ORDER PIN	BAY ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 76 RUN NUMBER
TM ENABLE	H	A23R2	1-01 *	1	T12						2				641
TM ENABLE	H	A21R2	1-02 *	1	T12						1				641
TM ENABLE	H	B12F2	1-03 *	1	T10S								10-6/8		641
TM ENABLE	J	B12D2	1-01 *	1	T10						1				642
TM ENABLE	J	B12E2	1-02 *	1	T10						1				642
TM ENABLE	J	B10S1	1-03 *	1	T10						1				642
TM ENABLE	J	B10U1	1-04 *	1	T10						1				642
TM ENABLE	J	C20E1	1-05 *	1	T10S								17-0/8		642
TP	H	D21C1	1-01 *	1	T02S						2				643
TP	H	C22V1	1-02 *	1	T02						1				643
TP	H	C22E1	1-03 *	1	T02						1				643
TP	H	C22M1	1-04 *	1	T02						1				643
TP	H	C10N2	1-05 *	1	T02S										643
TP	H	D10P2	1-06 *	1	T02								20-6/8		643
TP CONTROL	H	D08S2	1-01 *	1	T04S						2				644
TP CONTROL	H	D08B1	1-02 *	1	T04						1				644
TP CONTROL	H	D12M2	1-03 *	1	T04								8-6/8		644
TP CONTROL	J	C12H2	1-01 *	1	T04						2				645
TP CONTROL	J	D12H1	1-02 *	1	T04						1				645
TP CONTROL	J	D12J2	1-03 *	1	T04S										645
TP CONTROL	J	D08E1	1-04 *	1	T04								16-0/8		645
TP0	H	B12K2	1-01 *	1	T04						1				646
TP0	H	B12J2	1-02 *	1	T04						1				646
TP0	H	C12A1	1-03 *	1	T02						1				646
TP0	H	D22E1	1-04 *	1	T02						1				646
TP0	H	D12K1	1-05 *	1	T04S										646
TP0	H	D08R2	1-06 *	1	T03								27-2/8		646
TP0	J	D08K2	1-01 *	1	T04S						1				647
TP0	J	D12J1	1-02 *	1	T04						1				647
TP0	J	D12H1	1-03 *	1	T04						1				647
TP0	J	D12E2	1-04 *	1	T04						1				647
TP0	J	D12N1	1-05 *	1	T07										647
TP0	J	D08A1	1-06 *	1	T02										647
TP0	J	D08J2	1-07 *	1	T02								23-0/8		647

TC11.F		HND288.V16(16) 05/31/72		24-MAY-72		21112		PAGE 77	
RUN NAME	A/P	PIN NAME	ORDER	BAY	Q	DRAM RV PG Y	X	Z	REMARKS
TP000	H	C02R2	1-01 *			T05		2	
TP000	H	C02N2	1-02 *			T05		1	
TP000	H	C10F2	1-03 *			T05		2	
TP000	H	C10D1	1-04 *			T07		1	
TP000	H	C00R1	1-05 *			T00		1	
TP000	H	C00R1	1-06 *			T02		1	
TP000	H	C10R1	1-07 *			T04		1	
TP000	H	D10F2	1-08 *			T04S		1	
TP000	H	D10F1	1-09 *			T07		1	
TP000	L	D20D1	1-01 *			T02		1	
TP000	L	D20H1	1-02 *			T02		1	
TP000	L	D10H1	1-03 *			T04S		1	
TP001	H	C10H1	1-01 *			T05		1	
TP001	H	C10C1	1-02 *			T05		1	
TP001	H	C10L2	1-03 *			T05		1	
TP001	H	D10E2	1-04 *			T04		1	
TP001	H	D10E1	1-05 *			T04S		1	
TP001	H	D10D2	1-06 *			T04S		1	
TP001	L	D10F2	1-01 *			T04S		1	
TP001	L	C10E2	1-02 *			T05		1	
TP001	L	D10F1	1-03 *			T07		1	
TP001	L	D10D2	1-04 *			T04S		1	
TP001	L	B10J2	1-01 *			T04		2	
TP001	L	C04K2	1-02 *			T00		1	
TP001	L	C04L2	1-03 *			T00		1	
TP001	L	D00K1	1-04 *			T04S		1	
TP001	L	D10C1	1-05 *			T04		1	
TP001	L	D21B1	1-06 *			T02		1	
TP001	L	D21H1	1-07 *			T02		1	
TP001	L	D22L1	1-08 *			T02		1	
UNIT SELECT 0	L	A19B1	1-01 *			T12S		1	
UNIT SELECT 0	L	A20V2	1-02 *			T12		1	

TC11.F		HND288.V16(16) 05/31/72		24-MAY-72		21112		PAGE 78	
RUN NAME	A/P	PIN NAME	ORDER	BAY	Q	DRAM RV PG Y	X	Z	REMARKS
UNIT SELECT 1	L	A19E1	1-01 *			T12S		1	
UNIT SELECT 1	L	A20E2	1-02 *			T12		1	
UNIT SELECT 1	L	A19H1	1-01 *			T12S		1	
UNIT SELECT 2	L	A20H2	1-02 *			T12		1	
UNIT SELECT 2	L	A19F2	1-01 *			T12S		1	
UNIT SELECT 3	L	A20K2	1-02 *			T12		1	
UNIT SELECT 3	L	A19K1	1-01 *			T12S		1	
UNIT SELECT 4	L	A20H2	1-02 *			T12		1	
UNIT SELECT 4	L	A19J2	1-01 *			T12S		1	
UNIT SELECT 5	L	A20P2	1-02 *			T12		1	
UNIT SELECT 5	L	A19M1	1-01 *			T12S		1	
UNIT SELECT 6	L	A20S2	1-02 *			T12		1	
UNIT SELECT 6	L	A19L2	1-01 *			T12S		1	
UNIT SELECT 7	L	A20T2	1-02 *			T12		1	
UNIT SELECT 7	L	D09K1	1-01 *			T04S		1	
UNIT SELECT DELAY	H	D20F1	1-02 *			T02		1	
UNIT SELECT DELAY	L	D09E2	1-01 *			T04S		1	
UNIT SELECT DELAY	L	D10H1	1-02 *			T03		1	
UNIT SELECT DELAY	H	D04H2	1-01 *			T11S		1	
UNIT SELECT DELAY	H	D05J1	1-02 *			T04		1	
UNIT SELECT DELAY	H	A10V1	1-01 *			T12		2	
UNIT SELECT DELAY	H	A12D2	1-02 *			T11S		1	
UNIT SELECT DELAY	H	A00P1	1-03 *			T17		2	
UNIT SELECT DELAY	H	D04E2	1-04 *			T11		1	
UNIT SELECT DELAY	H	D05J2	1-05 *			T04		1	

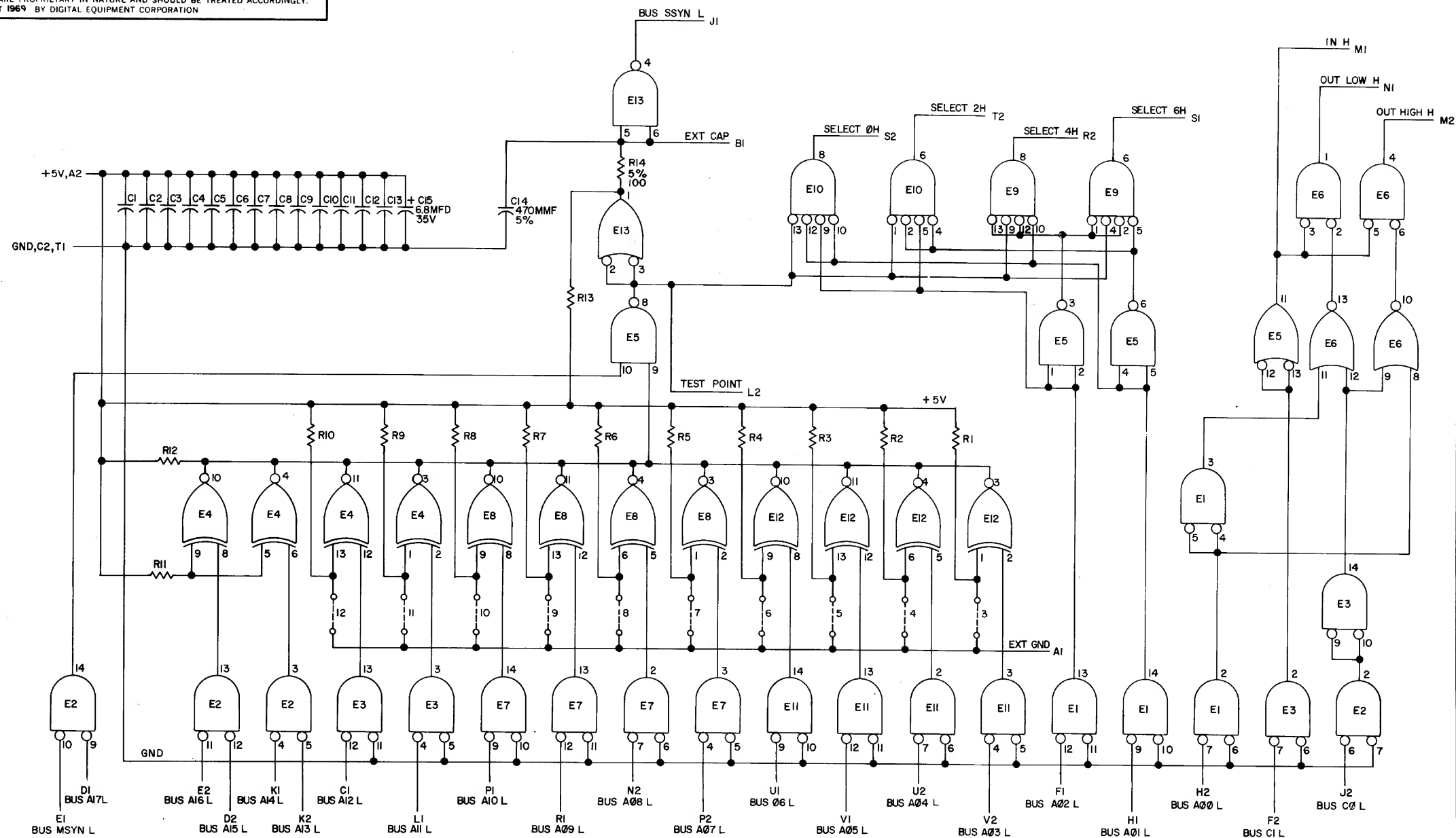
23-6/8

TC11.F RUN NAME	A/P	HND288.V16(16) 03/31/72	Q	DRAW	RV	PG	Y	X	Z	REMARKS	24-MAY-72	21112	PAGE 79
		PIN NAME	ORDER								LENGTH	EXCEPTIONS	NUMBER
UNIT2(1)	H	A18U2	1-01 *	T12					1				666
UNIT2(1)	H	A12V2	1-02 *	T11S					2				666
UNIT2(1)	H	A08R1	1-03 *	T17					1				666
UNIT2(1)	H	D06N1	1-04 *	T04					2				666
UNIT2(1)	H	D05U1	1-05 *	T04									666
UNIT2(1)			1								24-0/0		666
UNIT3(1)	H	A18V2	1-01 *	T12					2				667
UNIT3(1)	H	A12C2	1-02 *	T11S					1				667
UNIT3(1)	H	A08L1	1-03 *	T17					1				667
UNIT3(1)	H	D06R1	1-04 *	T04									667
UNIT3(1)	H	D05U2	1-05 *	T04									667
UNIT3(1)			1								25-4/0		667
UPS(0(1)	H	A08V1	1-01 *	T04					1				668
UPS(0(1)	H	A08V2	1-02 *	T04					1				668
UPS(0(1)	H	B13R1	1-03 *	T04					1				668
UPS(0(1)	H	B2482	1-04 *	T24					1				668
UPS(0(1)	H	D22D2	1-05 *	T07					1				668
UPS(0(1)	H	D22R1	1-06 *	T07					1				668
UPS(0(1)	H	D19M1	1-07 *	T048					1				668
UPS(0(1)			1								30-4/0		668
UPS(1(1)	H	B08A1	1-01 *	T18					2				669
UPS(1(1)	H	D08J2	1-02 *	T04					1				669
UPS(1(1)	H	D08H1	1-03 *	T04					1				669
UPS(1(1)	H	D19N1	1-04 *	T04S									669
UPS(1(1)	H	C19K2	1-05 *	T07									669
UPS(1(1)			1								25-0/0		669
WALL	H	C08L1	1-01 *	T02					1				670
WALL	H	C21K1	1-02 *	T02									670
WALL	H	D16S1	1-03 *	T05S									670
WALL			1								15-2/0		670
WALL	J	C19N2	1-01 *	T05					2				671
WALL	J	D21N2	1-02 *	T05S					1				671
WALL	J	D21T2	1-03 *	T02									671
WALL	J	D19R1	1-04 *	T05									671
WALL	J	D08H1	1-05 *	T03									671
WALL			1								21-2/0		671
WALL EN	H	C24H2	1-01 *	T24S					1				672
WALL EN	H	D22V1	1-02 *	T24									672
WALL EN	H	D21M2	1-03 *	T05									672
WALL EN	H	D16K2	1-04 *	T05									672
WALL EN			1								15-0/0		672

TC11.F RUN NAME	A/P	HND288.V16(16) 03/31/72 PIN ORDER NAME	Q	DRAM RV	PG Y	X	Z	REMARKS	24-MAY-72 LENGTH	21112 EXCEPTIONS	PAGE 80 RUN NUMBER
WALL EN	L	D00E1	1-01 *	T03			1				673
WALL EN	L	D15J2	1-02 *	T05S							673
WALL EN			1						8-0/8		673
WCO(0)	H	C20H2	1-01 *	T05			1				674
WCO(0)	H	D07R1	1-02 *	T02S					10-2/8		674
WCO(0)			1								674
WCO(1)	H	C20T2	1-01 *	T05			1				675
WCO(1)	H	C09P2	1-02 *	T02			2				675
WCO(1)	H	D07V1	1-03 *	T02S							675
WCO(1)			1						15-6/8		675
WCOF	L	B07S2	1-01 *	T22S			1				676
WCOF	L	D07V2	1-02 *	T02							676
WCOF			1						8-0/8		676
WDATA	H	C12H2	1-01 *	T05S			1				677
WDATA	H	D14A1	1-02 *	T07			2				677
WDATA	H	D15F2	1-03 *	T05			1				677
WDATA	H	D20E1	1-04 *	T05			2				677
WDATA	H	C10D2	1-05 *	T05			1				677
WDATA	H	C23F1	1-06 *	T02			2				677
WDATA	H	C23H1	1-07 *	T02					25-2/8		677
WDATA			1								677
WDATA	L	C19R2	1-01 *	T05			2				678
WDATA	L	C12H1	1-02 *	T05S			1				678
WDATA	L	D06R1	1-03 *	T02							678
WDATA			1						13-6/8		678
WREN(0)	H	D19K2		T02S						1-PIN RUN	679
WREN(1)	H	B23R2	1-01 *	T12			1				680
WREN(1)	H	B20R2	1-02 *	T12			2				680
WREN(1)	H	B41R2	1-03 *	T12			1				680
WREN(1)	H	D22J1	1-04 *	T02			2				680
WREN(1)	H	D19J2	1-05 *	T02S							680
WREN(1)			1						17-0/8		680
WRITE	H	C21J2	1-01 *	T05			2				681
WRITE	H	C19S2	1-02 *	T05S			1				681
WRITE	H	C16M2	1-03 *	T05			2				681
WRITE	H	C16H2	1-04 *	T05			1				681
WRITE	H	D10B1	1-05 *	T03							681
WRITE			1						19-0/8		681

[illegible]

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UNLESS OTHERWISE INDICATED:
 O---O INDICATES JUMPERS
 RESISTORS ARE 1K, 1/4W, 5%
 CAPACITORS ARE .01MFD, 100V, 20%
 E1, E2, E3, E7, E11 ARE DEC380
 E4, E5, E6, E8, E9, E10 ARE DEC8242
 E12, E13 ARE DEC8815
 E14 IS DEC7400
 E15 IS DEC7402
 E16 IS DEC8881
 PIN 1 ON E1, E2, E3, E7, E11 = GND
 PIN 8 ON E1, E2, E3, E7, E11 = +5V
 PIN 7 ON E4, E5, E6, E8, E9, E10, E12, E13 = GND
 PIN 14 ON E4, E5, E6, E8, E9, E10, E12, E13 = +5V

REV	NO.	REV.
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

DEC FORM NO. 102

15 447-P6

DRN	DATE
CHK'D	DATE
ENG	DATE
PROD	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

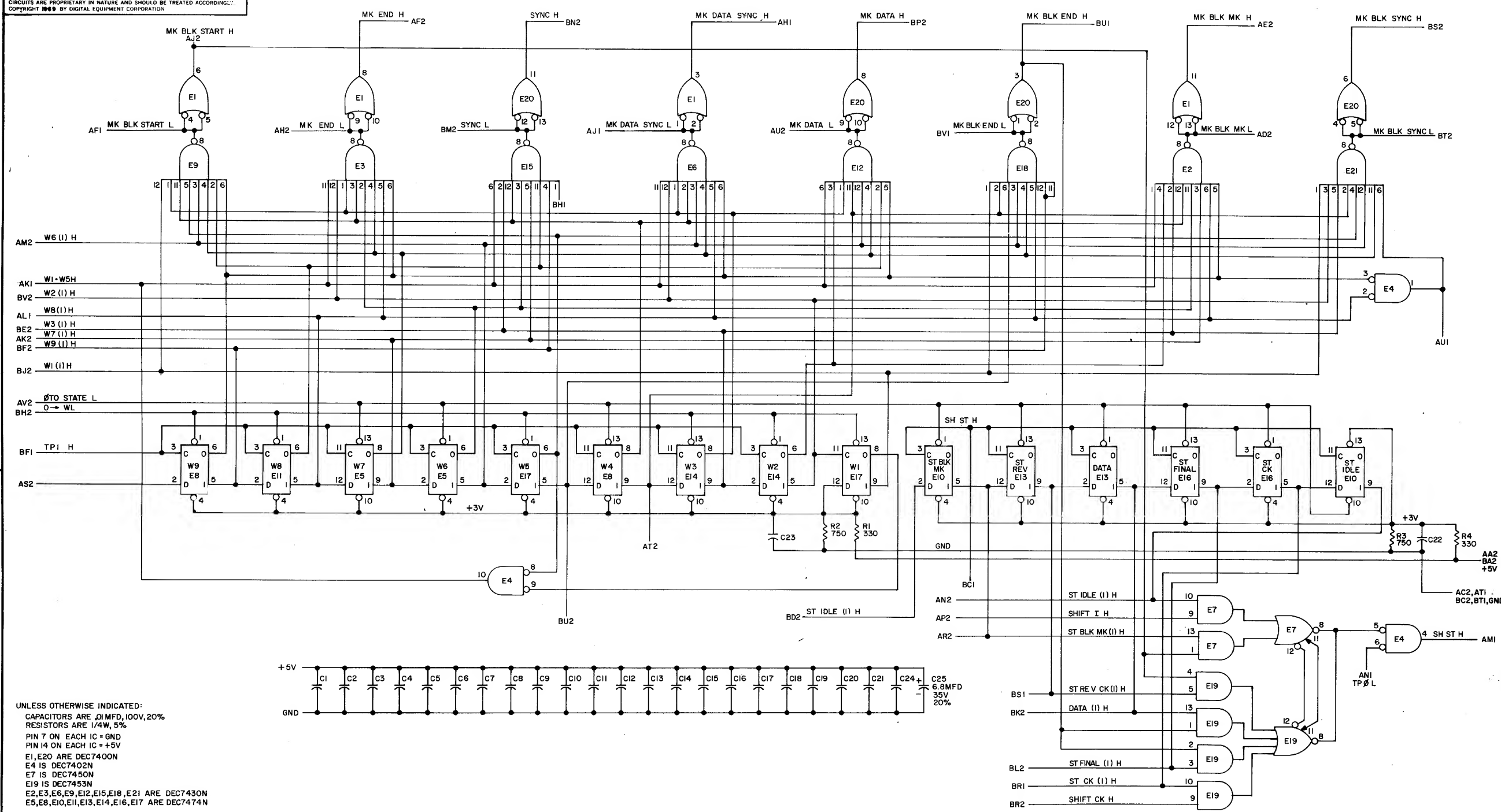
digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE			
ADDRESS SELECTOR MI05			
SIZE	CODE	NUMBER	REV
C	CS	MI05-0-1	B
PRINTED CIRCUIT REV.			

SIZE CODE C CS
 NUMBER MI05-0-1
 REV. B

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1-0-822W
#38PNDN
S0
3000 1/15



UNLESS OTHERWISE INDICATED:
CAPACITORS ARE .01 MFD, 100V, 20%
RESISTORS ARE 1/4W, 5%
PIN 7 ON EACH IC = GND
PIN 14 ON EACH IC = +5V
E1, E20 ARE DEC7400N
E4 IS DEC7402N
E7 IS DEC7450N
E19 IS DEC7453N
E2, E3, E6, E9, E12, E15, E18, E21 ARE DEC7430N
E5, E8, E10, E11, E13, E14, E16, E17 ARE DEC7474N

REVISIONS DATE BY REV	DATE	BY	REV
	DATE	BY	REV
	DATE	BY	REV
	DATE	BY	REV

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

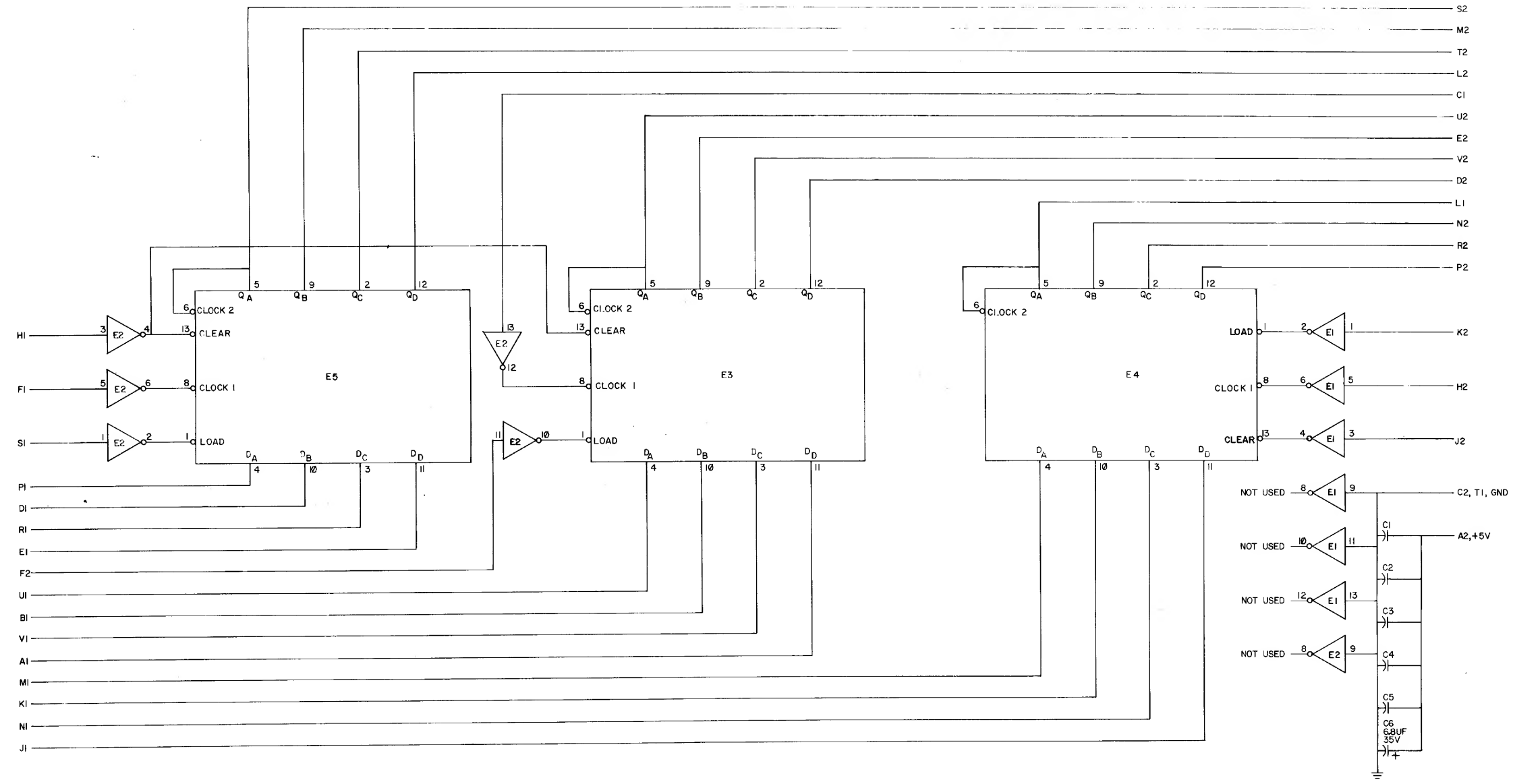
TITLE		MARK TRACK DECODER M228	
SIZE	CODE	NUMBER	REV.
D	CS	M228-0-1	
PRINTED CIRCUIT REV.		A	

DEC FORM NO. 101

REV. 1
M228-0-1
CS

DIST. 3, 2, 4, 4, 54, 438 3
5 PINK

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UNLESS OTHERWISE INDICATED:
CAPACITORS ARE .01UF, 100V, 20%
E3, E4, E5 ARE DEC74197
E1, E2 ARE DEC74H04
ON ALL IC'S PIN 14 = +5V, PIN 7 = GND

REV	DATE	BY
1	8/25/70	jeanne french

DATE	BY
8/25/70	jeanne french

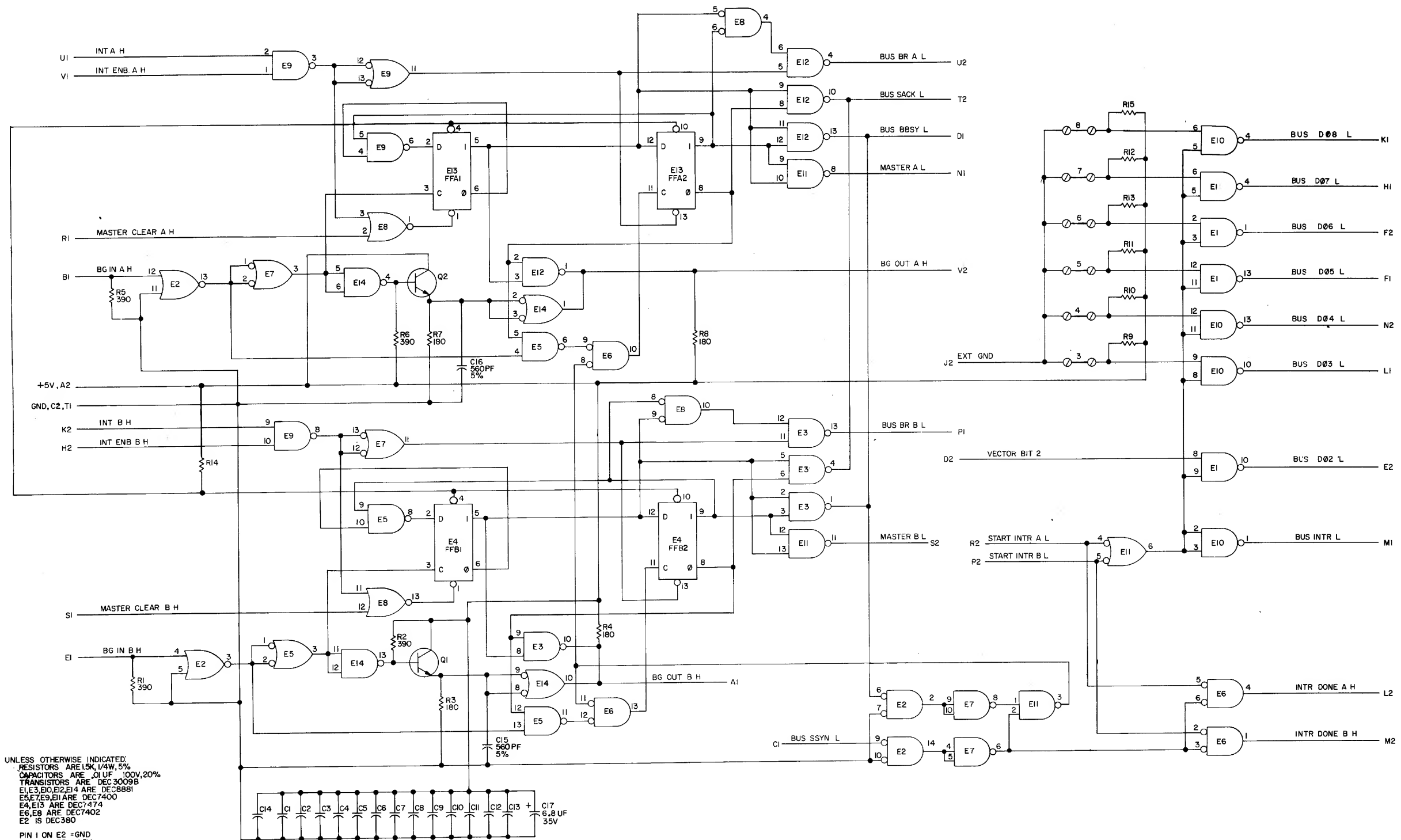
DATE	BY
8/25/70	jeanne french

DATE	BY
8/25/70	jeanne french

DATE	BY
8/25/70	jeanne french

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8 1-0-0282/M SC 3000 1/15



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE .01 UF, 100V, 20%
TRANSISTORS ARE DEC 3009B
E1, E3, E5, E12, E14 ARE DEC8881
E5, E7, E9, E11 ARE DEC7400
E4, E13 ARE DEC7474
E6, E8 ARE DEC7402
E2 IS DEC380

PIN 1 ON E2 = GND
PIN 8 ON E2 = +5V
PIN 7 ON E1, E3 - E14 = GND
PIN 14 ON E1, E3 - E14 = +5V
⊗ = SPLIT LUGS
— = JUMPERS

REV	DATE	BY	CHKD
1	12/31/70	5. COPPER	
2	1/14/71	W. J. WILSON	
3	7-2-71	W. J. WILSON	
4			

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC3009B	2N3009B		

TITLE		NUMBER		REV	
INTERRUPT CONTROL M7820		M7820-0-1		B	
SIZE	CODE	PRINTED CIRCUIT REV.			
D	CS	B/C			

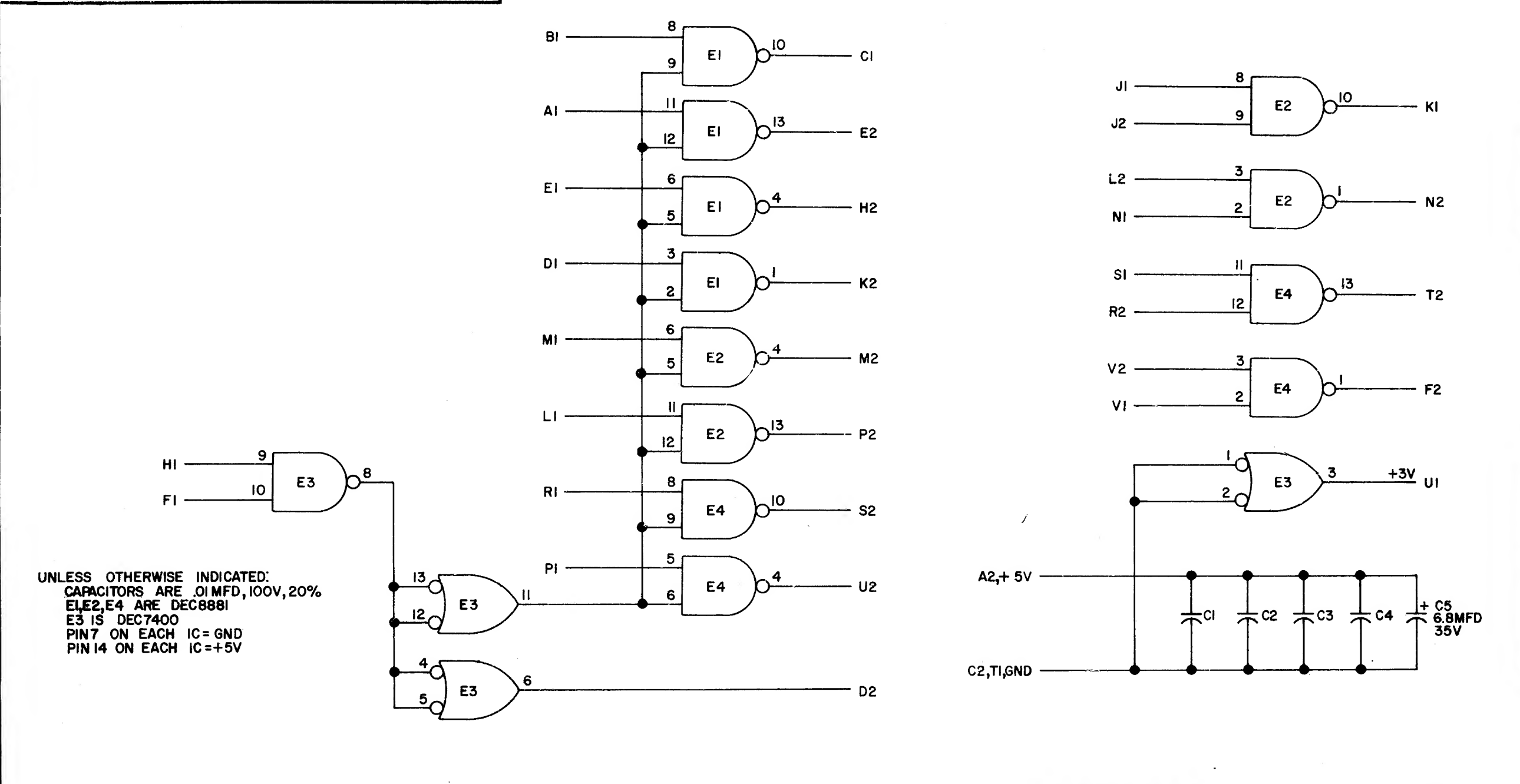
REV B
M7820-0-1
D CS

DIST. 324,434,435 A

P/MK

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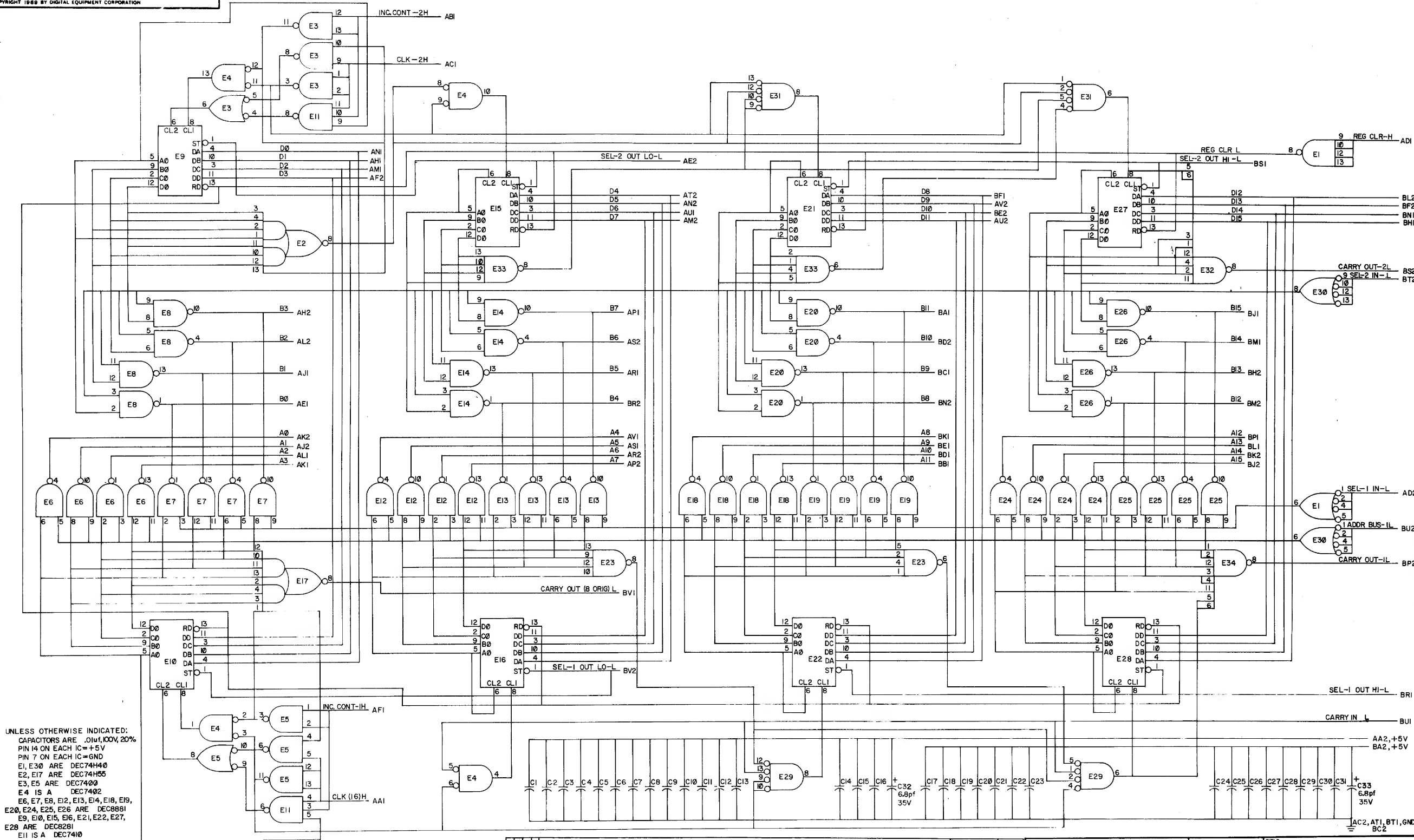
REV. NUMBER M783-0-1 CS B SIZE



REVISIONS CHK CHG NO. REV.	DRN. <i>A. Suter</i>	DATE 11-21-69	TRANSISTOR & DIODE CONVERSION CHART				TITLE UNIBUS DRIVERS M783
	CHK'D <i>L. M. Smith</i>	DATE 1-7-70	DEC	EIA	DEC	EIA	
	ENG. <i>P. E. Johnson</i>	DATE 3/25/70					
	PROD.	DATE					
			EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				SIZE B CODE CS NUMBER M783-0-1 REV.
							PRINTED CIRCUIT REV. A B

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8 1-0-962W SC D
A2H 238WTH 3002 3215



UNLESS OTHERWISE INDICATED:
CAPACITORS ARE .01uF, 100V, 20%
PIN 14 ON EACH IC = +5V
PIN 7 ON EACH IC = GND
E1, E30 ARE DEC74H40
E2, E17 ARE DEC74H05
E3, E5 ARE DEC7400
E4 IS A DEC7402
E6, E7, E8, E12, E13, E14, E18, E19,
E20, E24, E25, E26 ARE DEC8881
E9, E10, E15, E16, E21, E22, E27,
E28 ARE DEC8281
E11 IS A DEC7410
E33, E23 ARE DEC7420
E29, E31 ARE DEC8815
E32, E34 ARE DEC7430

REVISIONS	DATE	BY	CHKD	APPD
1	7-8-70	JEANNE FRENCH		

DRN	jeanne french	DATE	7-8-7
CHK'D	8/1/80	DATE	
ENG	E. Puckett	DATE	
PROD.		DATE	

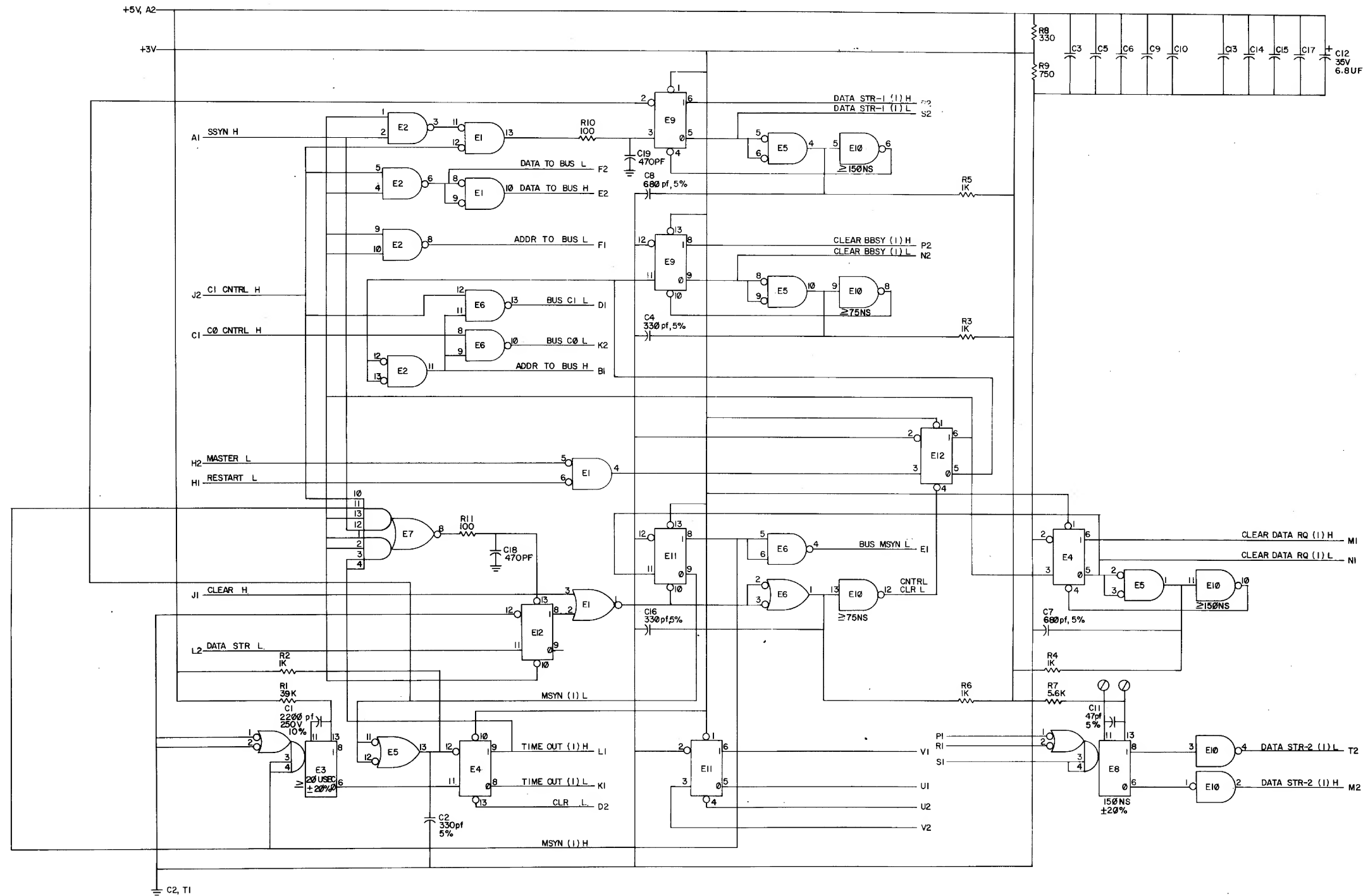
digital
EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE	WC AND CMA MODULE
NUMBER	M795-0-1
SIZE	D
CODE	CS
PRINTED CIRCUIT REV.	A/B/C

REV. B
NUMBER M795-0-1
SIZE CODE D CS

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0 1-0-962W SC D
A28 230777N 3000 3/15



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE .01μf, 100V, 20%
E1 IS DEC7402
E2 IS DEC7400
E3, E8 ARE DEC9601
E4, E9, E11, E12 ARE DEC7474
E5 IS DEC7401
E6 IS DEC8881
E7 IS DEC74H55
E10 IS DEC7404
⊗ = SPLIT LUGS

REV	NO	REV
1	00001	A
2	00002	B
3	00003	C
4	00004	D
5	00005	E
6	00006	F
7	00007	G
8	00008	H
9	00009	I
10	00010	J
11	00011	K
12	00012	L
13	00013	M
14	00014	N
15	00015	O
16	00016	P
17	00017	Q
18	00018	R
19	00019	S
20	00020	T
21	00021	U
22	00022	V
23	00023	W
24	00024	X
25	00025	Y
26	00026	Z

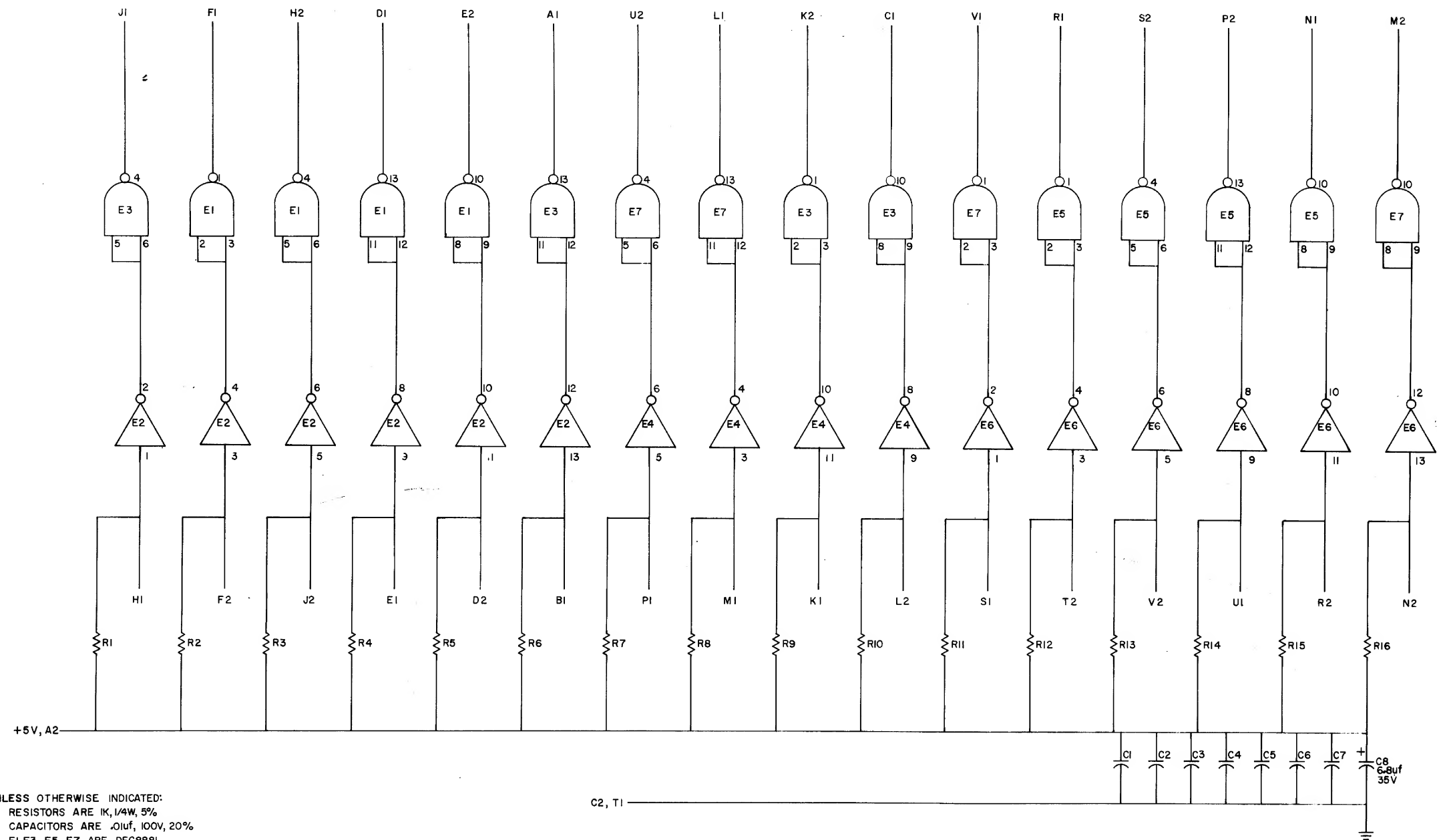
DATE	BY	DATE	BY
12/24/73	W. J. S.	12/24/73	W. J. S.
12/24/73	W. J. S.	12/24/73	W. J. S.
12/24/73	W. J. S.	12/24/73	W. J. S.
12/24/73	W. J. S.	12/24/73	W. J. S.

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N2219	2N2219	2N2219	2N2219
2N2219	2N2219	2N2219	2N2219
2N2219	2N2219	2N2219	2N2219
2N2219	2N2219	2N2219	2N2219

digital	
EQUIPMENT	CORPORATION
MAYNARD, MASSACHUSETTS	

TITLE			
UNIBUS MASTER CONTROL M796			
SIZE	CODE	NUMBER	REV.
D	CS	M796 -0-1	C
PRINTED CIRCUIT REV.			
C			

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UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1K, 1/4W, 5%
CAPACITORS ARE .01uF, 100V, 20%
E1, E3, E5, E7 ARE DEC8881
E2, E4, E6 ARE DEC7404

REV	CHG	NO	REV
1	1	00001	A

DEC FORM NO. 102

DRN	DATE
7/1/70	
CHK'D	DATE
7/1/70	
ENG	DATE
8/1/70	
PROD	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

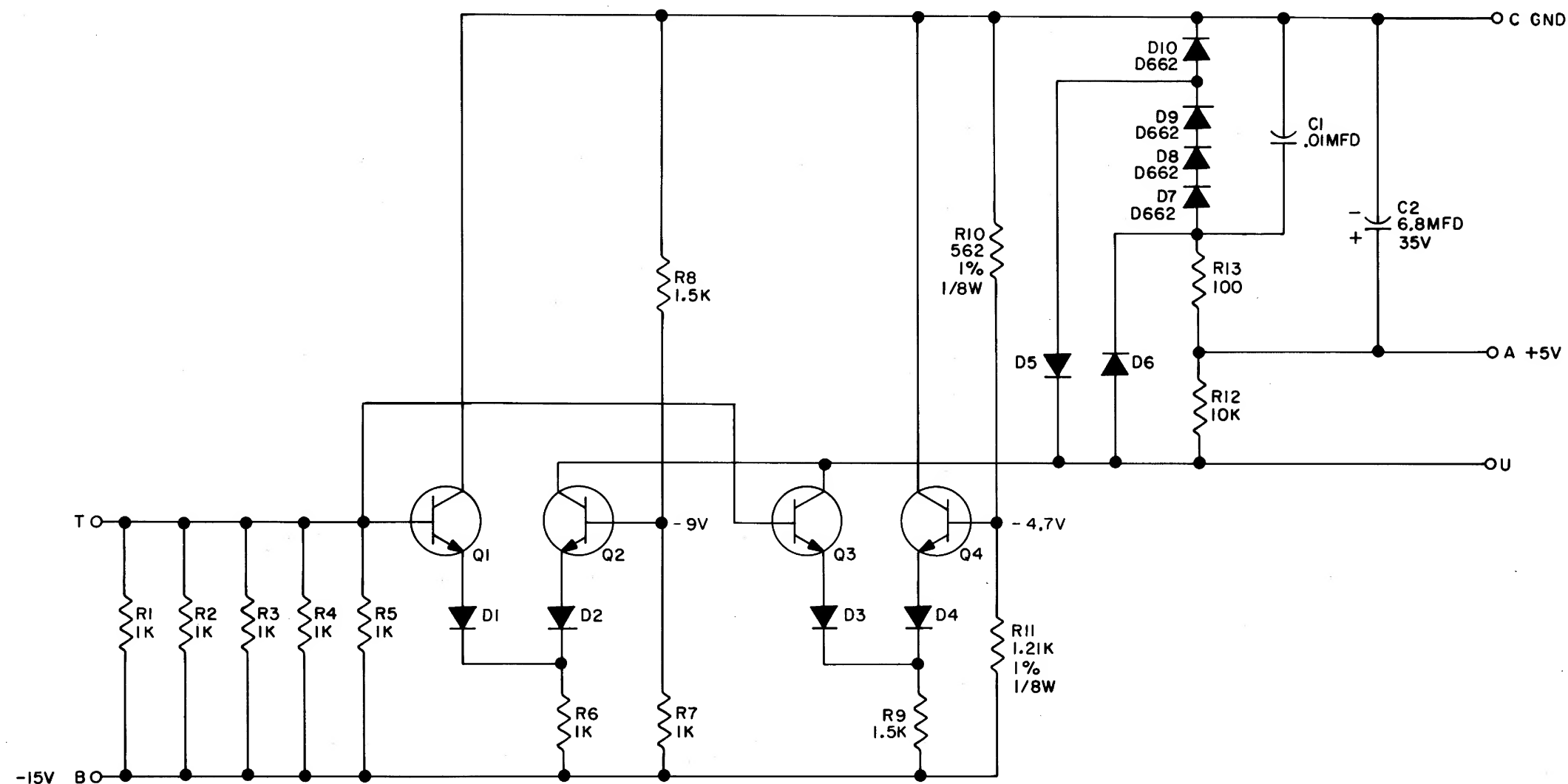
digital		TITLE	
EQUIPMENT CORPORATION		UNIBUS DRIVER	
MAYNARD, MASSACHUSETTS		M798	
SIZE	CODE	NUMBER	REV.
C	CS	M798 -0-1	A
PRINTED CIRCUIT REV.			

SIZE	CODE	NUMBER	REV.
C	CS	M798 -0-1	A

DISC 324-474-100-4 P.N. 136-14

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REV. 1-0-6289
NUMBER 6879-0-1
SIZE B
CODE CS



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
DIODES ARE D664
TRANSISTORS ARE DEC3009B

REVISIONS	CHK	CHG	NO.	REV.

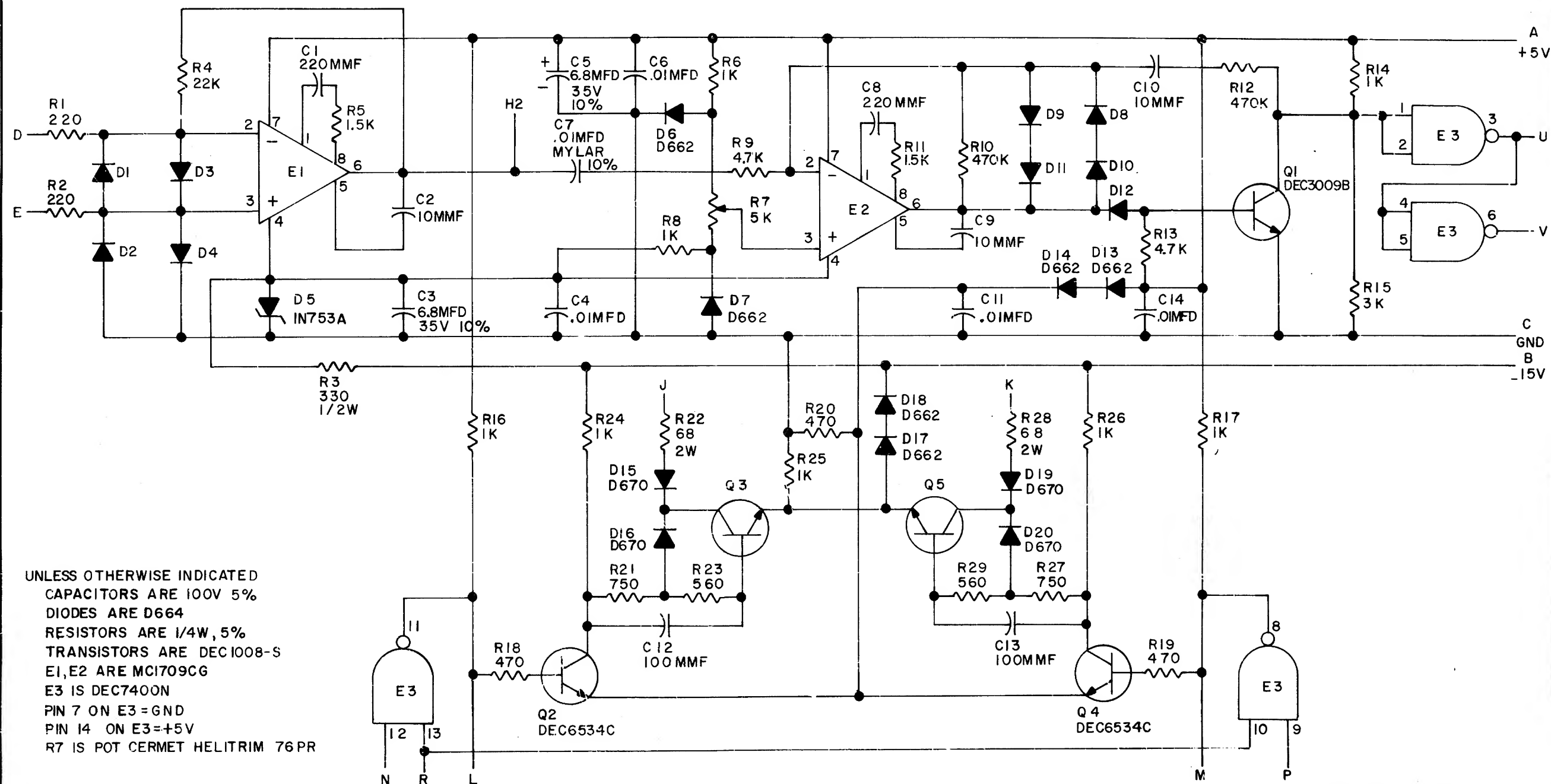
DRN.	DATE
BUTLER	7/2/69
CHK'D	DATE
G. Yang	7/7/69
ENG.	DATE
D. Zuber	8/3/69
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	1N3606		
D662	1N645		
DEC3009B	2N3009		

digital
EQUIPMENT
CORPORATION
MAYNARD, MASSACHUSETTS

TITLE			
TRANSPORT DETECTOR G879			
SIZE	CODE	NUMBER	REV.
B	CS	G879-0-1	
PRINTED CIRCUIT REV.			A

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UNLESS OTHERWISE INDICATED
CAPACITORS ARE 100V 5%
DIODES ARE D664
RESISTORS ARE 1/4W, 5%
TRANSISTORS ARE DEC1008-S
E1, E2 ARE MC1709CG
E3 IS DEC7400N
PIN 7 ON E3 = GND
PIN 14 ON E3 = +5V
R7 IS POT CERMET HELITRIM 76PR

REVISIONS

CHK	CHG	NO	REV

DRN. *A. Clement* 8-2969

CHK'D *J. P. Hallette* 9/3/69

ENG. *J. Chabree* 9/25/69

PROD.

DATE 8-2969

DATE 9/3/69

DATE 9/25/69

DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	IN3606	DEC1008-S	MM1008
D662	IN645		
D670	SAME		
DEC3009B	2N3009B		
DEC6534C	MPS6534		

digital

EQUIPMENT CORPORATION

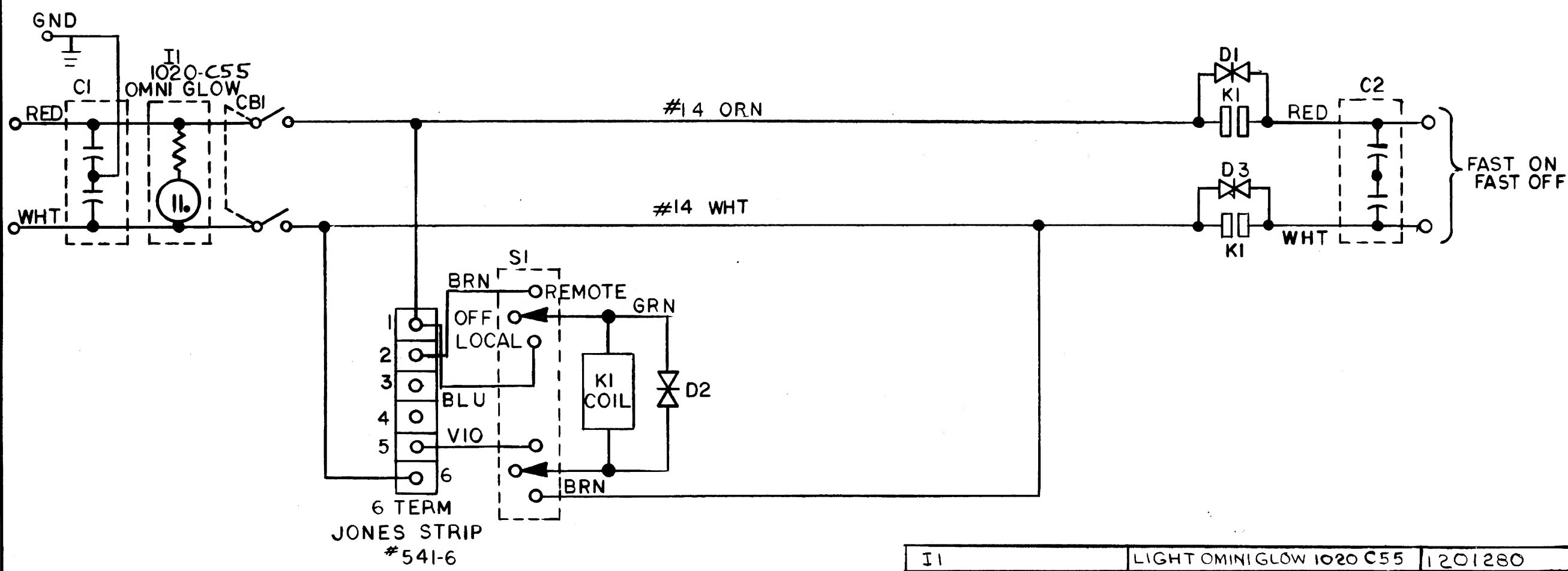
MAYNARD, MASSACHUSETTS

TITLE **MANCHESTER READER/WRITER G888**

SIZE	CODE	NUMBER	REV.
B	CS	G888-0-1	

PRINTED CIRCUIT REV. **A**

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I1	LIGHT OMNI GLOW 1020 C55	1201280
D1, D2, D3	DIODE THY 6RS20SP4B4	1100106
CBI	CIR BREAKER 190-220-104	1201218
K1	RELAY EM-4, 115V	1205768
SI	TOGGLE SW CH 7563K6	1205964
C1 & C2	CAP. 2X .1MFD 1KVDC	1000034
	PARTS LIST	A-PL-854-0-0
REF DESIGNATION	DESCRIPTION	PART NO
PARTS LIST		

REVISIONS CHG NO. REV. A 00002 4-B 1/15/68	DRN. P. de Blauw DATE 10-21-68 CHK. J. de Blauw DATE 11/7/68 ENG. G. W. GERELDS DATE 11/13/68 PROD. G. W. GERELDS DATE 11/15/68	TRANSISTOR & DIODE CONVERSION CHART <table> <tr> <th>DEC</th> <th>EIA</th> <th>DEC</th> <th>EIA</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	DEC	EIA	DEC	EIA																					<div>digital</div> <div>EQUIPMENT CORPORATION</div> <div>MAYNARD, MASSACHUSETTS</div>	<div>POWER CONTROL</div> <div>854</div> <div>SIZE CODE NUMBER</div> <div>B CS 854-0-1</div> <div>PRINTED CIRCUIT REV.</div>	<div>REV. A</div>
	DEC	EIA	DEC	EIA																									